

United States Steel Corporation

Mon Valley Works

Clairton Plant

Title V Operating Permit No 0052

Annual Certification of Compliance

March 27, 2012 through December 31, 2012

Book 2 of 2

Permit Requirement IV.9 – Boiler Cold Start

This fulfills the requirements for semi-annual reporting of boiler cold starts per the waiver received in accordance with ACHD Article XXI §2108.01.d.

During the period covered by this report, cold starts were performed on the following boilers on the following days:

<u>Date</u>	<u>Boiler</u>	<u>Time</u>
April 5	T1, T2	0745, 1345
April 9	R1	0515
April 10	R2	0520
April 17	T1, T2, R1, R2	0805, 0945, 0610, 0455
April 23	T2	1515
April 26	T2	1450
April 29	R2	1555
May 5	T2	2215
May 7	R1	0750
May 14	T2	0815
May 18	Boiler 1	1030
June 7	R1	0720
June 11	T1	1420
July 5	T1	0900
July 9	Boiler 2	1000
July 10	R1	1215
July 24	T1	0840
July 25	R2	0845
August 10	T2	0840
August 23	T1	1225
October 1	R1	0855
October 3	R2	0725
October 4	T1	1145
October 8	R1	0730
October 13	T2	2230
October 18	T1	1355
October 23	T2	1230
October 29	R2	0940
November 9	T1	1045
November 13	T2	0930
December 11	T1	1230
December 12	R2	1615
December 22	T1	1430

**Paragraph IV.29 – Consent Order and Agreement dated March 17, 2008 –
Batteries 1, 2, 3, 13, 14, 15, 19, 20 and B**

Please accept this submittal as the Quarterly Report for United States Steel, Clairton Coke Works for the period of March 27 through December 31, 2012 according to the reporting requirements of the Clairton Plant portion of the Mon Valley Works Consent Order and Agreement signed March 17, 2008, amended September 30, 2010 and amended July 6, 2011. Also enclosed is a check in the amount of \$84,800 for stipulated penalties for the 4th quarter 2012.

During the period of March 27 through March 31, 2012, on Battery 20 the B2, B3, B4, B5, B6, B7, B8, B9, and B10 ovens were out of service for part of the quarter for repairs or as part of the work zone. On Battery 20 the walls B2, B3, B4, B5, B8, B9, A27, and A28 ovens were scheduled to be repaired during the 2nd quarter 2012 per Paragraph V.a.3 and 4. There were no walls on 19 Battery scheduled to be repaired during the quarter; repairs have been completed.

During the 2nd quarter 2012, on Battery 20 the A23, A24, A25, A26, A27, A28, A29, B1, B2, B3, B4, B5, B6, B7, B8, B9, and B10 ovens were out of service for part of the quarter for repairs or as part of the work zone. On Battery 20 the walls A19, A20, A23, A24, A25, A26, A29, and B1 ovens were scheduled to be repaired during the 3rd quarter 2012 per Paragraph V.a.3 and 4. There were no walls on 19 Battery scheduled to be repaired; repairs have been completed.

During the 3rd quarter 2012, on Battery 20 the B1, B2, A29, A28, A27, A26, A25, A24, A23, A22, A21, A20, A19, A18, A17, A16, and A15 ovens were out of service for part of the quarter for repairs or as part of the work zone. On Battery 20 the walls A17, A18, A20, A21, A11, A12, A15, and A16 ovens were scheduled to be repaired during the 4th quarter 2012 per Paragraph V.a.3 and 4. There were no walls on 19 Battery scheduled to be repaired during the 4th quarter; repairs have been completed.

During the 4th quarter 2012, on Battery 20 the A23, A22, A21, A20, A19, A18, A17, A16, A15, A14, A13, A12, A11, A10, A9, A8, and A7 ovens were out of service for at least part of the quarter for repairs or as part of the work zone. On Battery 20 the walls A3, A4, A7, A8, A9, A10, A13, and A14, ovens are scheduled to be repaired during the 1st quarter 2013 per Paragraph V.a.3 and 4. There are no walls on 19 Battery scheduled to be repaired; repairs have been completed.

During the period of March 27 through December 31, 2012 the following heating walls were replaced and put back into service per Paragraph V.a.2:

The status of the milestones in Section IV of the Mon Valley Agreement for the Clairton Plant, as of June 30, 2011, is as follows:

Wall	Date Completed
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B4/20	April 10, 2012
B5/20	April 10, 2012
B8/20	April 10, 2012
B9/20	April 10, 2012
B2/20	May 30, 2012
B3/20	May 30, 2012
A27/20	May 30, 2012
A28/20	May 30, 2012
A25/20	July 19, 2012
A26/20	July 19, 2012
A29/20	July 19, 2012
B1/20	July 19, 2012
A19/20	August 30, 2012
A20/20	August 30, 2012
A23/20	August 30, 2012
A24/20	August 30, 2012
A17/20	October 16, 2012
A18/20	October 16, 2012
A20/20	October 16, 2012
A21/20	October 16, 2012
A11/20	December 17, 2012
A12/20	December 17, 2012
A15/20	December 17, 2012
A16/20	December 17, 2012

Milestone	Date	Status
Shutdown Batteries 7, 8, and 9	December 31, 2012	Complete
Complete automation of the reversing rooms on Batteries 1, 2, and 3	July 31, 2008	Complete
Compliance with soaking restriction on Batteries 1, 2, and 3.	November 29, 2010	Complete
Compliance with minimum coking time of 21.75 hours on Batteries 1, 2, and 3.	November 29, 2010	Complete
Perform four soaking observations on Batteries 1, 2, and 3.	November 29, 2010	Complete
Perform eight pushing observations on Batteries 1, 2, and 3.	November 29, 2010	Complete
Complete an oven wall inspection on Batteries 1, 2, and 3 and submit a report of the findings.	January 13, 2011	Complete
Submit an evaluation protocol for the	December 29, 2010	Complete

No. 1 Quench Tower		
Achieve compliance with Article XXI on Batteries 1, 2, and 3	December 31, 2013	On schedule
Complete 2 nd round of Enhanced Preventive Maintenance Refractory Repair Plan on Battery 15	June 30, 2008	Complete
Complete 3 rd round of Enhanced Preventive Maintenance Refractory Repair Plan on Battery 15	December 31, 2008	Complete
Achieve compliance with the stack opacity standards on Battery 15	December 31, 2008	Complete
Replace 25 heating walls on Battery 19	October 31, 2012	Complete
Achieve compliance with the stack opacity standards on Battery 19	December 31, 2012	Complete
Complete installation of WOBBE stabilizer on Battery 20	April 30, 2008	Complete
Replace 88 heating walls on Battery 20	October 31, 2014	On schedule
Achieve compliance with the stack opacity standards on Battery 20	December 31, 2014	On schedule
Replace the No. 3 Screening Station with the No. 4 Screening Station	Upon completion and startup of C Battery	Complete
Submit permit application for new low emission quench towers	October 30, 2010	Complete
Installation of new low emission quench towers	December 31, 2013	On schedule
Submit a test protocol and schedule for an evaluation of the Keystone Cooling Tower	Within 60 days of completing the No. 1 Quench Tower evaluation	Complete
Submit a report on the Keystone Cooling Tower evaluation	Within 60 days of completing the test	Complete
Submit a test protocol and schedule for an evaluation of the Aeration Basins	Within 60 days of completing the Keystone Cooling Tower evaluation	Complete
Submit a report on the Aeration Basins evaluation	Within 60 days of completing the test	Complete
Have a site available for SODAR	January 10, 2011	Complete
Install, maintain, and operate a SODAR for 3 years		On schedule

The list of clock hours during for the period of March 27 through December 31, 2012 that compliance was not achieved for Article XXI opacity limits on Batteries 1, 2, 3, 13, 14, 15, 19, 20, and B combustion stack as measured by the continuous opacity monitor (COM) per

Paragraph V.a.1 along with the date, time, root cause and last oven charged for each exceedance are listed in Appendix 1.

The deviations during for the period of March 27 through December 31, 2012 compliance was not achieved for Article XXI §2105.21(e)(4) and (e)(5) limits on Batteries 1, 2, 3, 13, 14, 15, 19, 20, and B per Paragraph V.a.1 along with the oven, date, time, and root cause for each exceedance are attached in Appendix 1.

There were no instances of deviations with the soaking restriction.

There were no instances of deviations with the minimum coking time restriction on Batteries 1, 2, and 3.

There were no deviations of the testing requirements except that an outage on December 13 prohibited the observation of 6 pushes on Battery 1, 4 pushes on Battery 2, 7 pushes on Battery 3, 2 soaking observations on Battery 1, 2 soaking observations on Battery 2, and 4 soaking observations on Battery 3.

Permit Section V.A - Batteries 1, 2, and 3

Permit Requirement V.A.1.a, b, c, d, and e – Battery Flare System – Batteries 1, 2, and 3

There were no deviations of the above requirements relating to the operation of the battery coke oven gas flare system, during the period covered by this submittal.

Permit Requirement V.A.1.f – Big Plug Doors - Batteries 1, 2, and 3

There were no deviations of the requirement to install and operated big plug doors with the following clarification of certification as submitted as part of the Title V Application Process.

The compliance certification contained in this submittal is based on the understanding that big plug doors, required by §2105.21.b.5, meet the specified dimensions contained in the regulation when initially installed except that portion of the plug located in the tunnel head above the design coal line. The plugs may experience inconsequential dimensional changes over time in the course of normal operations.

Permit Requirement V.A.1.g - §63.310(a)

There were no deviations to the above reference requirement.

Permit Requirement V.A.1.h – Flare or Combustion of High H₂S Coke Oven Gas– Batteries 1, 2, and 3

There were no deviations of the above requirements relating to the operation of the battery coke oven gas flare system during the period covered by this submittal on Battery 3.

One flaring of coke oven gas incident occurred on November 11, 2012 on Battery 2 and one November 13, 2012 on Battery 1.

An outage of the No 2 Control Room Processes caused Batteries 1, 2, and 3 to combust coke oven gas which contained sulfur compounds in excess of 40gr/100 dscf from September 14 through September 23, 2012.

Permit Requirement V.A.1.i – Visible Opacity from Flare Operation– Batteries 1, 2, and 3

There were no documented deviations of the above requirement related to the operation of the battery coke oven gas flare system during the period covered by this submittal.

Permit Requirement V.A.1.j, and k –§63.304 and 63.306 Requirements – Batteries 1, 2, and 3

There were no deviations of the above requirement (30-day rolling averages or implementation of Work Practices for doors, lids, charging, and offtakes) during the period covered by this submittal.

Permit Requirement V.A.1.l, m, n, o, and p –§2105.21a, b, c, and d Requirements – Batteries 1, 2, and 3

On Battery 1 there were no deviations of the above requirements for percent leaking doors (for 100% compliance), lids (for 100% compliance), or offtakes (for 100% compliance), 40 percent door leaking after 15 minutes or excess seconds of charging (for 100% compliance). Details are listed in Appendix 2.

On Battery 2 there were the following deviations of the above requirements for percent leaking doors (zero deviations for 100% compliance), lids (zero deviations for 100% compliance), or offtakes (zero deviations for 100% compliance), 40 percent door leaking after 15 minutes (one deviation for 99.9% compliance) or excess seconds of charging (two deviations for 99.29% compliance). Details are listed in Appendix 2.

On Battery 3 there were the following deviations of the above requirements for percent leaking doors (one deviation for 99.65% compliance), lids (zero deviations for 100% compliance), or offtakes (zero deviations for 100% compliance), 40 percent door leaking after 15 minutes (4 deviations for 99.9% compliance) or excess seconds of charging (one deviation for 99.65% compliance). Details are listed in Appendix 2.

Permit Requirement V.A.1.q –§2105.21.e.5 Travel Requirements – Batteries 1, 2, and 3

There were 32 deviations on Battery 1 (for 98.66% compliance), 30 deviations on 2 Battery (for 98.75% compliance), and 33 deviations on 3 Battery (for 98.61% compliance) of the opacity limitations for the transport of hot coke through the open atmosphere (travel) during the reporting period of this submittal. Details are listed in Appendix 3.

Permit Requirement V.A.1.r –§2105.21.f.2 Stack Mass Emission Limit – Batteries 1, 2, and 3

There were no documented deviations of the above requirement during the reporting period of this submittal. Combustion Stack for Battery 3 was tested on October 19, 2012. The stacks for Batteries 1 and 2 were not tested during the reporting period.

Permit Requirement V.A.1.s –§2105.21.f.3 and 4 Stack Opacity Limits – Batteries 1, 2, and 3

There were 274 deviations on Battery 1 (for 95.85% compliance), 326 deviations on Battery 2 (for 95.02% compliance), and 428 deviations on Battery 3 (for 93.51% compliance) of the 20%

stack opacity limit. There were 45 deviations on Battery 1 (for 99.32% compliance), 109 deviations on Battery 2 (for 98.33% compliance), and 96 deviations on Battery 3 (for 98.54% compliance) of the 60% stack opacity limit. Details are listed in Appendix 1.

Permit Requirement V.A.1.t and u –§63.72969a), (b), and (d) - Stack Opacity Limits – Batteries 1, 2, and 3

There were no deviations of the above limitations or requirements during the reporting period covered by this submittal. All notifications were submitted as required.

Permit Requirement V.A.1.v –Emissions Limitations Table – Batteries 1, 2, and 3

There were no deviation of the limitations of PM, PM-10, or PM2.5 for Batteries 1, 2, or 3 as listed in Table V.A.1.

On September 14, 15, 16, 17, 18, 19, 20, 21, and 22 an outage of No 2 Control Room caused all coke oven gas available to contain more than 40 gr/100 dscf of H₂S resulting in deviations of the SO₂ lb/hr limitation. No deviations of the SO₂ tons/year occurred.

Permit Requirement V.A.2 –Testing Requirements – Batteries 1, 2, and 3

There were no deviations of the testing requirements. Combustion Stack for Battery 3 was tested on October 19, 2012. The stacks for Batteries 1 and 2 were not tested during the reporting period.

Permit Requirement V.A.3 –Monitoring Requirements – Batteries 1, 2, and 3

There were no deviations of the testing requirements except that an outage on December 13 prohibited the observation of 6 pushes on Battery 1, 4 pushes on Battery 2, 7 pushes on Battery 3, 2 soaking observations on Battery 1, 2 soaking observations on Battery 2, and 4 soaking observations on Battery 3.

Permit Requirement V.A.4 – Record Keeping Requirements

Out-of-control periods per permit requirement V.4.c and §63.7341 (c)(6) and (8)(iii) and/ or inoperable periods per §63.7341 (8)(ii) for stack COM's are detailed in Appendix 4.

There were no other record keeping deviations.

Permit Requirement V.A.5.a – Coke Plant Operations Data

The reports required by Paragraph V.A.5.a were submitted as required no later than twenty days after the end of each month. The reports for the reporting period are attached in Appendix 5.

Permit Requirement V.A.5.b – Battery NESHAP – Batteries 1, 2, and 3

According to the semi-annual compliance certification and reporting requirements of 40 CFR §63.311(d) for the period covered by this report,

No coke oven gas was vented except through the bypass/ bleeder stack flare system of Batteries 1, 2, or 3.

There were no startup, shutdown, or malfunction events for Batteries 1, 2, or 3 that required the implementation of §63.310.

Work practices were not implemented under §63.306 at Batteries 1, 2, or 3.

Permit Requirement V.A.5.c – Venting of Coke Oven Gas

There were no instances of venting of coke oven gas during the report time period therefore, no reports were required.

Permit Requirement V.A.5.d – §63.310(d) Notification

There were no instances of startup, shutdown, or malfunction events for Batteries 1, 2, or 3 that required the implementation of §63.310 during the report time period therefore, no notifications were required.

Permit Requirement V.A.5.e – §63.310(e) Reports

There were no instances of startup, shutdown, or malfunction events for Batteries 1, 2, or 3 that required the implementation of §63.310 during the report time period therefore, no reports were required.

Permit Requirement V.A.5.f and g – Enforcement Order dated March 17, 2008

See above.

Permit Requirement V.A.5.h – §63.7336(a) - MACT Stack Requirements

There were no instances where the emission limitations in Conditions V.A.1.t (daily average stack opacity) or V.A.1.u (initial compliance status notification) were not met.

Permit Requirement V.A.5.i – §63.7336(b) – Periods of Startup, Shutdown, or Malfunction

There were not periods of start-up, shutdown, or malfunction that required the implementation of the Startup, Shutdown, or Malfunction Plan relating to the requirements of 40 CFR Part 63 Subpart CCCCC.

Permit Requirement V.A.5.j – §63.7340(a) – Initial Notifications

All required notifications required by §63.6(h)(4) and (5), §63.7(b) and (c), §63.8(e) and (f)(4) and §63.9(b) through (h) that apply were submitted by the specified dates.

Permit Requirement V.A.5.k, and i – §63.7341(a) and (b) – Submittal of Quarterly Stack Compliance Reports

Quarterly compliance reports for Battery Stacks 1, 2, and 3 were submitted as required and contained the information required. Reports for the period covered by this submittal are also included in this submittal.

Permit Requirement V.A.5.m – §63.7341(c)- Quarterly Stack Compliance Report

Quarterly compliance reports for Battery Stacks 1, 2, and 3 were submitted as required, according to the reporting requirements of 40 CFR §63.7341 and contained the information required. Reports for the period covered by this submittal are also included in this submittal.

Out-of-control periods per §63.7341 (c)(6) and (8)(iii) and/ or inoperable periods per §63.7341 (8)(ii) for stack COM's are detailed in Appendix 4.

During the period stated above there were no start-up, shutdown, malfunctions or deviations relating to the emission limitation requirements of daily stack opacity.

Permit Requirement V.A.5.n – §63.7341(d)- Startup, Shutdown, or Malfunction Occurrences

During the period stated above there were no start-up, shutdown, malfunctions or deviations that required the implementation of the requirements in §63.10(d)(5)(ii).

Permit Requirement V.A.5.o – §63.7341(e) – Reporting of Deviations

All deviations have been submitted as required to the best of our ability.

Permit Requirement V.A.6 – Work Practices

There were no deviations from the work practice requirements required by Permit Paragraph V.A.6.

Batteries 1-3 PEC

Permit Requirement V.B.1.a – §2105.21.e and IP 0052-I006 – PEC Outlet and Pushing Emissions

There were no documented deviations from the particulate mass emission rate from the pushing emission control system device. Testing was not conducted during the reporting period.

During the period stated above there were 10 instances out of 2384 observations of non-compliance on 1 Battery (99.58% compliance), 6 instances out of 2396 observations on 2 Battery (99.75% compliance) and 13 instances out of 2366 on 3 Battery (99.45% compliance) with Condition VI.1.a.2 (fugitive pushing emissions or emissions from the pushing emission control system device outlet equal or exceeding an opacity of 20%). The details of these instances along with corrective actions taken are attached in Appendix 6.

Permit Requirement V.B.1.b – §2105.21.e.6 – PM-10 SIP contingency

Implementation of the PM-10 SIP Contingency Plan was not required during the reporting period.

Permit Requirement V.B.1.c – §2105.03 and IP 0052-I006 – Pushing with the PEC

During the period stated above there were 9 instances of non-compliance with the above requirement (emissions due to pushing of Battery 1, 2, and 3 coke ovens shall be vented through the PEC system baghouse dust collector) that resulted in 62 ovens not being captured. There were 28 instances of reduced efficiency pushing operations at Battery No. 1, 2, and 3 PEC Baghouse. These were detailed in monthly coking process reports submitted as required by Enforcement Order 202.E which are attached in Appendix 5.

There were 3 instances where the dp was greater than 10 and corrective action was implemented to return the dp to the normal operating range. These are detailed in Appendix 5.

Permit Requirement V.B.1.d – §63.7290(a) – Mass Emission Rate from PEC - MACT

During the period stated above, there were no documented deviations with the requirements of §63.7290 on the pushing emissions control (PEC) devices servicing Batteries 1-3. Testing was not conducted during the reporting period.

Permit Requirement V.B.1.e – §63.7290(b)(3) – Minimum Daily Fan Amps

There were two deviations for recording the fan amps on 1-3 PEC.

There were no deviations from the minimum fan amp requirement for Batteries 1-3. There were no other deviations with the requirements of the minimum fan amperes as established during the initial performance test per the requirements of §63.7333(d) for these units.

Permit Requirement V.B.1.f – §63.7333(a) – Maintaining Compliance with Mass Emission Rate and Testing

During the period stated above, there were no documented deviations with the requirements of §63.7333(a) on the pushing emissions control (PEC) devices servicing Batteries 1-3. Testing was not conducted during the reporting period.

Permit Requirement V.B.1.g – §2105.03 and IP 0052-1006 – Emissions Limitations Table

During the period stated above, there were no documented deviations with above referenced requirements on the pushing emissions control (PEC) devices servicing Batteries 1-3.

Permit Requirement V.B.2 – Testing

There were no deviations to the testing requirements.

Permit Requirement V.B.3.a and b – IP0052-006 – Monitoring of differential pressure drop

There were no deviations to the above referenced monitoring requirements.

Permit Requirement V.B.3.c - §63.7291(a) – Pushing Observations

During the period of March 27 through June 30, there were no ineffective corrective actions pushing observations. The following ovens were observed outside of the 90-day window due to oven conditions and repairs but were observed on the first daylight push. These ovens are: B18 on 1 Battery; A6 and A23 on 2 Battery; and B21 on 3 Battery. Every effort is being made to allow for an observation per the procedure in §63.7334(a). There were 8 malfunctions that caused daylight pushes to be missed being observed on B18/1 (three daylight pushes missed), A6/2 (one daylight push missed), A23/2 (one daylight push missed), and B21/3 (three daylight pushes missed). There were no other start-up, shutdown, malfunctions or deviations relating to the pushing work practice requirements of §63.7291(a).

During the 3rd and 4th quarters, there were no ineffective corrective actions pushing observations. The following ovens were observed outside of the 90-day window due to oven conditions and repairs but were observed on the first daylight push. These ovens are: A4, A8, A10, A12, A14, A24, A26, A28, A30, B1, B2, B3, B6, B8, B17, and B19 on 1 Battery; A1 on 2 Battery; A2, A3, A4, A5, A6, A7, A8, A10, A12, A14, A18, B9, A24, and B30 on 3 Battery.

Every effort is being made to allow for an observation per the procedure in §63.7334(a). There were 6 malfunctions that caused daylight pushes to be missed being observed on the following ovens A6/3 (one daylight push missed), A7/31 (two daylight pushes missed), and B9/3(three daylight pushes missed). There was one training malfunction that caused the B18/1 corrective action completion to be late. There were no other start-up, shutdown, malfunctions or deviations relating to the pushing work practice requirements of §63.7291(a)

Permit Requirement V.B.3.d - §63.7291(b) – Alternate to Work Practice

No alternate has been requested.

Permit Requirement V.B.3.e - §63.7300(c) – O&M Plan for PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.B.3.f, g, and h - §63.7330(a) and 63.7331(a) and (b) – Bag Leak Detection System for PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.B.3.i through k - §63.7331(c), (d) and (h)

There were no deviations to the above referenced requirements.

Permit Requirement V.B.3.l - §63.7331(g) – Volumetric Flow

The above requirement does not apply.

Permit Requirement V.B.3.m, n, and o - §63.330(d), 63.7332(a), and (b)

There were two instances of missing the required recording of the fan amps on 1-3 PEC. These are listed in Appendix 7.

Permit Requirement V.B.3.p - §63.333(d) – Minimum Fan Amps

There were two deviations for recording the fan amps on 1-3 PEC. There were no deviations from the minimum fan amp requirement for Batteries 1-3. There were no other deviations with the requirements of the minimum fan amperes as established during the initial performance test per the requirements of §63.7333(d) for these units.

Permit Requirement V.B.3.q - §63.7334(a) – Pushing Observations

See above permit requirement.

Permit Requirement V.B.3.r - §63.7335(c) – Inspection of PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.B.4 – Record Keeping

There were no deviations to the above referenced record keeping requirements.

Permit Requirement V.B.5.a – Coke Plant Operations Data

The reports required by Paragraph V.A.5.a were submitted as required no later than twenty days after the end of each month. The reports for the reporting period are attached in Appendix 5.

Permit Requirement V.B.5.b, c, and d– IP0052-006 – Reporting of Instances of Non-compliance and Breakdown Reports

Instances of non-compliance per the above requirement are included in this submittal for the reporting period. There were no deviations regarding breakdown reporting.

Permit Requirement V.B.5.e through k – Reporting Requirements

There were no deviations with the above referenced reporting requirements.

Permit Requirement V.B.6 – Work Practice Standards

There were no deviations to the above referenced work practice standards.

Permit Section V.C – Batteries 13, 14, and 15

Permit Requirement V.C.1.a, b, c, d, and e – Battery Flare System – Batteries 13, 14, and 15

There were no documented deviations of the above requirement related to the operation of the battery coke oven gas flare system during the period covered by this submittal on Batteries 14 and 15. There were two breakdowns of the flaring system on Battery 13 on May 8 and May 10. Neither breakdown resulted in any environmental impact.

There were no other deviations of the above requirements relating to the operation of the battery coke oven gas flare system, during the period covered by this submittal.

Permit Requirement V.C.1.f – Startup, shutdown, Malfunction - Batteries 13, 14, and 15

There were no deviations of the above referenced requirement.

Permit Requirement V.C.1.g – Flare or Combustion of High H₂S Coke Oven Gas– Batteries 13, 14, and 15

There were no deviations of the above requirements relating to the operation of the battery coke oven gas flare system during the period covered by this submittal on Battery 14 and 15.

One flaring of coke oven gas incident occurred on May 10, 2012 on Battery 13.

An outage of the No₂ Control Room Processes caused Batteries 13, 14, and 15 to combust coke oven gas which contained sulfur compounds in excess of 40gr/100 dscf from September 14 through September 23, 2012.

Permit Requirement V.C.1.h – Visible Emissions from Flare Operation– 13, 14, and 15

There were no documented deviations of the above requirement.

Permit Requirement V.C.1.i, and j – §63.304 and 63.306 Requirements – Batteries 13, 14, and 15

There were no deviations of the above requirement (30-day rolling averages or implementation of Work Practices for doors, lids, charging, and offtakes) during the period covered by this submittal.

Permit Requirement V.C.1.l, m, n, and o –§2105.21a, b, c, and d Requirements – 13, 14, and 15

On Battery 13 there were the deviations of the above requirements for percent leaking doors (two deviations for 99.29% compliance), lids (zero deviations for 100% compliance), or offtakes (zero deviations for 100% compliance), 40 percent door leaking after 15 minutes (four deviations for 99.9% compliance) and excess seconds of charging (zero deviations for 100% compliance). Details are listed in Appendix 2.

On Battery 14 there were the following deviations of the above requirements for percent leaking doors (two deviations for 99.29% compliance), lids (zero deviations for 100% compliance), or offtakes (zero deviations for 100% compliance), 40 percent door leaking after 15 minutes (zero deviation for 100% compliance) or excess seconds of charging (zero deviations for 100% compliance). Details are listed in Appendix 2.

On Battery 15 there were the following deviations of the above requirements for percent leaking doors (zero deviation for 100% compliance), lids (zero deviations for 100% compliance), or offtakes (one deviation for 99.65% compliance), 40 percent door leaking after 15 minutes (one deviation for 99.9% compliance) or excess seconds of charging (zero deviations for 100% compliance). Details are listed in Appendix 2.

Permit Requirement V.C.1.p –§2105.21.e.5 Travel Requirements – Batteries 13, 14, and 15

There were 9 deviations on Battery 13 for 99.29% compliance, 14 deviations on Battery 14 for 98.88% compliance, and 6 deviations on Battery 15 for 99.52% compliance of the opacity limitations for the transport of hot coke through the open atmosphere (travel) during the reporting period of this submittal. Details are listed in Appendix 3.

Permit Requirement V.C.1.q –§2105.21.f.2 Stack Mass Emission Limit – Batteries 13, 14, and 15

There were no documented deviations of the above requirement during the reporting period of this submittal. Battery 13 combustion stack was tested on April 27; Battery 14 combustion stack was tested on April 26; and Battery 15 combustion stack was tested on October 23 and 24, 2012.

Permit Requirement V.C.1.r –§2105.21.f.3 and 4 Stack Opacity Limits – Batteries 13, 14, and 15

There were 64 deviations on Battery 13 for 99.04% compliance, 83 deviations on Battery 14 for 98.75% compliance, and 230 deviations on Battery 15 for 96.5% compliance of the 20% stack opacity limit. There were 13 deviations on Battery 13 for 99.8% compliance, 16 deviations on Battery 14 for 99.76% compliance, and 46 deviations on Battery 15 for 99.3% compliance of the 60% stack opacity limit. Details are listed in Appendix 1.

Permit Requirement V.C.1.s – Enforcement Order 161 – Maintain and Operate COM

There were no deviations to the above referenced requirement.

Permit Requirement V.C.1.t and u –§63.72969a), (b), and (d) - Stack Opacity Limits – 13, 14, and 15

There were no deviations of the above limitations or requirements during the reporting period covered by this submittal.

Permit Requirement V.C.1.v –Emissions Limitations Table – Batteries 13, 14, and 15

There were no deviation of the limitations of PM, PM-10, or PM2.5 for Batteries 1, 2, or 3 as listed in Table V.C.1.

On September 14, 15, 16, 17, 18, 19, 20, 21, and 22 an outage of No 2 Control Room caused all coke oven gas available to contain more than 40 gr/100 dscf of H2S resulting in deviations of the SO2 lb/hr limitation. No deviations of the SO2 tons/year occurred.

Permit Requirement V.C.2 –Testing Requirements – Batteries 13, 14, and 15

There were no deviations of the testing requirements.

Permit Requirement V.C.3 –Monitoring Requirements – Batteries 13, 14, and 15

There were no deviations of the monitoring requirements.

Permit Requirement V.C.4 – Record Keeping Requirements Batteries 13, 14, and 15

Out-of-control periods per the above permit requirement and §63.7341 (c)(6) and (8)(iii) and/ or inoperable periods per §63.7341 (8)(ii) for stack COM's are detailed in Appendix 4.

There were no other record keeping deviations.

Permit Requirement V.C.5.a – Coke Plant Operations Data - Batteries 13, 14, and 15

The reports required by Paragraph V.A.5.a were submitted as required no later than twenty days after the end of each month. These are detailed in Appendix 5.

Permit Requirement V.C.5.b- Enforcement Order 161

There were no deviations to the above requirement.

Permit Requirement V.C.5.c – Battery NESHAP – Batteries 13, 14, and 15

According to the semi-annual compliance certification and reporting requirements of 40 CFR §63.311(d) for the period covered by this report,

No coke oven gas was vented except through the bypass/ bleeder stack flare system of Batteries 13, 14, or 15.

There were no startup, shutdown, or malfunction events for Batteries 13, 14, or 15 that required the implementation of §63.310.

Work practices were not implemented under §63.306 at Batteries 13, 14, or 15.

Permit Requirement V.C.5.d – Venting of Coke Oven Gas

There were no instances of venting of coke oven gas during the report time period therefore, no reports were required.

Permit Requirement V.C.5.e – §63.310(d) Notification

There were no instances of startup, shutdown, or malfunction events for Batteries 13, 14, or 15 that required the implementation of §63.310 during the report time period therefore, no notifications were required.

Permit Requirement V.C.5.f – §63.310(e) Reports

There were no instances of startup, shutdown, or malfunction events for Batteries 13, 14, or 15 that required the implementation of §63.310 during the report time period therefore, no reports were required.

Permit Requirement V.C.5.g and h – Consent Order and Agreement Reports

There were no deviations.

Permit Requirement V.C.5.i – §63.7336(a) - MACT Stack Requirements

There were no deviations.

Permit Requirement V.C.5.i – §63.7336(b) – Periods of Startup, Shutdown, or Malfunction

There were no periods of start-up, shutdown, or malfunction that required the implementation of the Startup, Shutdown, or Malfunction Plan relating to the requirements of 40 CFR Part 63 Subpart CCCCC.

Permit Requirement V.C.5.k – §63.7340(a) – Initial Notifications

All required notifications required by §63.6(h)(4) and (5), §63.7(b) and (c), §63.8(e) and (f)(4) and §63.9(b) through (h) that apply were submitted by the specified dates.

Permit Requirement V.C.5.l – Test Notifications.

There were no deviations.

Permit Requirement V.C.5.m, n, and o – §63.7341(a, b and c)- Quarterly Stack Compliance Report

Quarterly compliance reports for Battery Stacks 13, 14, and 15 were submitted as required, according to the reporting requirements of 40 CFR §63.7341 and contained the information required. Reports for the period covered by this submittal are also included in this submittal.

Out-of-control periods per §63.7341 (c)(6) and (8)(iii) and/ or inoperable periods per §63.7341 (8)(ii) for stack COM's are detailed in Appendix 4.

During the period stated above there were no start-up, shutdown, malfunctions or deviations relating to the emission limitation requirements of daily stack opacity.

Permit Requirement V.C.5.p – §63.7341(d)- Startup, Shutdown, or Malfunction Occurrences

During the period stated above there were no start-up, shutdown, malfunctions or deviations that required the implementation of the requirements in §63.10(d)(5)(ii).

Permit Requirement V.C.5.q – §63.7341(e) – Reporting of Deviations

All deviations have been submitted as required to the best of our ability.

Permit Requirement V.C.6 – Work Practices

There were no deviations from the work practice requirements required by Permit Paragraph V.C.6.

Section V.D - Batteries 13 -15 PEC

Permit Requirement V.D.1.a – §2105.21.e and IP 0052-I008 – PEC Outlet and Pushing Emissions

There were no documented deviations from the particulate mass emission rate from the pushing emission control system device. Testing was not conducted during the reporting period.

During the periods stated above there were 7 instances out 1269 observations of non-compliance on 13 Battery (99.45% compliance), 6 instances out of 1251 observations on 14 Battery (99.52% compliance) and 5 instances out of 1239 on 15 Battery (99.60% compliance) with Condition VI.1.a.2 (fugitive pushing emissions or emissions from the pushing emission control system device outlet equal or exceeding an opacity of 20%). The details of these instances along with corrective actions taken are attached in Appendix 6.

Permit Requirement V.D.1.b – §2105.21.e.6 – PM-10 SIP contingency

Implementation of the PM-10 SIP Contingency Plan was not required during the reporting period.

Permit Requirement V.D.1.c – §2105.03 and IP 0052-I008 – Pushing with the PEC

During the periods stated above there were 24 instances of non-compliance with the above condition (pushing emissions vented through the PEC system baghouse dust collector) that resulted in 2084 ovens not being captured. There were 23 instances of reduced efficiency pushing operations at Battery No. 13, 14, and 15 PEC Baghouse. These were detailed in monthly coking process reports submitted as required by Enforcement Order 202.E which are attached in Appendix 5.

There was 1 instance where the dp was greater than 10 and corrective action was implemented to return the dp to the normal operating range. These are detailed in Appendix 8.

Permit Requirement V.D.1.d – §63.7290(a) – Mass Emission Rate from PEC - MACT

During the period stated above, there were no documented deviations with the requirements of §63.7290 on the pushing emissions control (PEC) devices servicing Batteries 13-15. Testing was performed on September 11 – 13, 2012.

Permit Requirement V.D.1.e – §63.7290(b)(3) – Minimum Daily Fan Amps

There were no deviations from the minimum fan amp requirement for Batteries 13-15. There were no other deviations with the requirements of the minimum fan amperes as established during the initial performance test per the requirements of §63.7333(d) for this unit.

Permit Requirement V.D.1.f – §63.7333(a) – Maintaining Compliance with Mass Emission Rate and Testing

During the period stated above, there were no documented deviations with the requirements of §63.7333(a) on the pushing emissions control (PEC) devices servicing Batteries 13-15. Testing was performed on September 11 – 13, 2012.

Permit Requirement V.D.1.g and h – §2105.03 and IP 0052-I008 – Emissions Limitations Table

During the period stated above, there were no documented deviations with above referenced requirements on the pushing emissions control (PEC) devices servicing Batteries 13-15.

Permit Requirement V.D.2 – Testing

There were no deviations to the testing requirements.

Permit Requirement V.D.3.a and b – IP0052-008 – Monitoring of differential pressure drop

There were seven deviations to the above referenced monitoring requirements. Details are listed in Appendix 8.

Permit Requirement V.D.3.c - §63.7291(a) – Pushing Observations

During the period of March 27 through June 30, there were no ineffective corrective actions pushing observations. All of the ovens in service on Batteries 13, 14, and 15 were observed every 90-days according to §63.7291(a)(1). There were no other start-up, shutdown, malfunctions or deviations relating to the pushing work practice requirements of §63.7291(a).

During the 3rd and 4th quarters, there were no ineffective corrective actions pushing observations. All of the ovens in service on Batteries 13 and 14 were observed every 90-days according to §63.7291(a)(1). The following ovens were observed outside of the 90-day window due to oven conditions and repairs but were observed on the first daylight push. These ovens are: A28, A30, B2, B8, B12, B14, B15, B17, B19, B21, B23, B24, B25, B27, B28, B29, and B30 15 Battery.

Every effort is being made to allow for an observation per the procedure in §63.7334(a). There was 1 malfunction that caused two daylight pushes to be missed being observed on B2/15. There were no other start-up, shutdown, malfunctions or deviations relating to the pushing work practice requirements of §63.7291(a).

There were no other deviations of the testing requirements except that on outage on December 6 prohibited the observation of daylight pushes on Battery 15.

Permit Requirement V.D.3.d - §63.7291(b) – Alternate to Work Practice

No alternate has been requested.

Permit Requirement V.D.3.e - §63.7300(c) – O&M Plan for PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.D.3.f, g, and h - §63.7330(a) and 63.7331(a) and (b) – Bag Leak Detection System for PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.D.3.i through k - §63.7331(c), (d) and (h)

There were no deviations to the above referenced requirements.

Permit Requirement V.D.3.l - §63.7331(g) – Volumetric Flow

The above requirement does not apply.

Permit Requirement V.D.3.m, n, and o - §63.330(d), 63.7332(a), and (b)

There were no deviations to the above referenced requirements.

Permit Requirement V.D.3.p - §63.333(d) – Minimum Fan Amps

There were no deviations to the above referenced requirements.

Permit Requirement V.D.3.q - §63.7334(a) – Pushing Observations

See above permit requirement.

Permit Requirement V.D.3.r - §63.7335(c) – Inspection of PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.D.4 – Record Keeping

There were no deviations to the above referenced record keeping requirements.

Permit Requirement V.D.5.a – Coke Plant Operations Data

The reports required by Paragraph V.D.5.a were submitted as required no later than twenty days after the end of each month. The reports for the reporting period are attached in Appendix 5.

Permit Requirement V.D.5.b, c, and d– IP0052-008 – Reporting of Instances of Non-compliance and Breakdown Reports

Instances of non-compliance per the above requirement are included in this submittal for the reporting period. There were no deviations regarding breakdown reporting.

Permit Requirement V.D.5.e through k – Reporting Requirements

There were no deviations with the above referenced reporting requirements.

Permit Requirement V.D.6 – Work Practice Standards

There were no deviations to the above referenced work practice standards.

Permit Section V.E – 19 and 20 Batteries

Permit Requirement V.E.1.a, b, c, d, and e – Battery Flare System – Batteries 19 and 20

There were no deviations of the above requirements relating to the operation of the battery coke oven gas flare system, during the period covered by this submittal.

Permit Requirement V.E.1.f – Big Plug Doors - Batteries 19 and 20

There were no deviations of the requirement to install and operated big plug doors with the following clarification of certification as submitted as part of the Title V Application Process.

The compliance certification contained in this submittal is based on the understanding that big plug doors, required by §2105.21.b.5, meet the specified dimensions contained in the regulation when initially installed except that portion of the plug located in the tunnel head above the design coal line. The plugs may experience inconsequential dimensional changes over time in the course of normal operations.

Permit Requirement V.E.1.g - §63.310(a)

There were no deviations to the above reference requirement.

Permit Requirement V.E.1.h – Flare or Combustion of High H₂S Coke Oven Gas– Batteries 19 and 20

There were no deviations of the above requirements relating to the operation of the battery coke oven gas flare system during the period covered by this submittal on Batteries 19 and 20.

An outage of the No₂ Control Room Processes caused Batteries 19 and 20 to combust coke oven gas which contained sulfur compounds in excess of 40gr/100 dscf from September 14 through September 23, 2012.

Permit Requirement V.E.1.i – Flare Operation– Batteries 19 and 20

There were no documented deviations of the above requirement related to the operation of the battery coke oven gas flare system during the period covered by this submittal.

Permit Requirement V.E.1.j, and k –§63.304 and 63.306 Requirements – Batteries 19 and 20

There were no deviations of the above requirement (30-day rolling averages or implementation of Work Practices for doors, lids, charging, and offtakes) during the period covered by this submittal.

Permit Requirement V.E.1.l, m, n, o, p, q, r, s and t –§2105.21a, b, c, and d Requirements – Batteries 19 and 20

On Battery 19 there were the following deviations of the above requirements for percent leaking doors (zero deviations), lids (zero deviations), or offtakes (one deviation for 99.65% compliance), 40 percent door leaking after 15 minutes (one deviation for 99.9% compliance) or excess seconds of charging (one deviations for 99.65% compliance). Details are listed in Appendix 2.

On Battery 20 there were the following deviations of the above requirements for percent leaking doors (zero deviation for 100% compliance), lids (zero deviations for 100% compliance), or offtakes (two deviations for 99.29% compliance), 40 percent door leaking after 15 minutes (one deviation for 99.9% compliance) or excess seconds of charging (zero deviations for 100% compliance). Details are listed in Appendix 2.

Permit Requirement V.E.1.u –§2105.21.e.5 Travel Requirements – Batteries 19 and 20

There were 37 deviations on Battery 19 for 97.18% compliance and 33 deviations on Battery 20 for 97.49% compliance of the opacity limitations for the transport of hot coke through the open atmosphere (travel) during the reporting period of this submittal. Details are listed in Appendix 3.

Permit Requirement V.E.1.v – Enforcement Order 161 - Install and Operate a COM on Battery 20

There were no deviations to the above requirement.

Permit Requirement V.E.1.w and x –§2105.21.f.2 Stack Mass Emission Limit – Batteries 19 and 20

There were no documented deviations of the above requirement during the reporting period of this submittal. Battery 19 combustion stack was tested on October 16 and Battery 20 combustion stack was tested on October 17, 2012.

Permit Requirement V.E.1.y –§2105.21.f.3 and 4 Stack Opacity Limits – Batteries 19 and 20

There were 60 deviations on Battery 19 for 99.08% compliance and 90 deviations on Battery 20 for 98.64% compliance of the 20% stack opacity limit. There were 28 deviations on Battery 19 for 99.57% compliance and 12 deviations on Battery 20 for 99.82% compliance of the 60% stack opacity limit. Details are listed in Appendix 1.

Permit Requirement V.E.1.z and aa –§63.72969a), (b), and (d) - Stack Opacity Limits – Batteries 19 and 20

There were no deviations of the above limitations or requirements during the reporting period covered by this submittal. All notifications were submitted as required.

Permit Requirement V.E.1.bb and cc –Emissions Limitations Table – Batteries 19 and 20

There were no deviation of the limitations of PM, PM-10, or PM2.5 for Batteries 19 or 20 as listed in Table V.E.1.

On September 14, 15, 16, 17, 18, 19, 20, 21, and 22 an outage of No 2 Control Room caused all coke oven gas available to contain more than 40 gr/100 dscf of H₂S resulting in deviations of the SO₂ lb/hr limitation. No deviations of the SO₂ tons/year occurred.

Permit Requirement V.E.2 –Testing Requirements – Batteries 19 and 20

There were no deviations of the testing requirements.

Permit Requirement V.E.3 –Monitoring Requirements – Batteries 19 and 20

There were no deviations of the testing requirements.

Permit Requirement V.E.4 – Record Keeping Requirements

Out-of-control periods per permit requirement V.4.c and §63.7341 (c)(6) and (8)(iii) and/ or inoperable periods per §63.7341 (8)(ii) for stack COM's are detailed in Appendix 4.

There were no other record keeping deviations.

Permit Requirement V.E.5.a and b – Coke Plant Operations Data and Stack COM Data

The reports required by Paragraph V.E.5.a and b were submitted as required no later than twenty days after the end of each month. Details are listed in Appendices 5 and 1.

Permit Requirement V.E.5.c – Battery NESHAP – Batteries 19 and 20

According to the semi-annual compliance certification and reporting requirements of 40 CFR §63.311(d) for the period covered by this report,

No coke oven gas was vented except through the bypass/ bleeder stack flare system of Batteries 19 or 20.

There were no startup, shutdown, or malfunction events for Batteries 19 or 20 that required the implementation of §63.310.

Work practices were not implemented under §63.306 at Batteries 19 or 20.

Permit Requirement V.E.5.d – Venting of Coke Oven Gas

There were no instances of venting of coke oven gas during the report time period therefore, no reports were required.

Permit Requirement V.E.5.e – §63.310(d) Notification

There were no instances of startup, shutdown, or malfunction events for Batteries 19 or 20 that required the implementation of §63.310 during the report time period therefore, no notifications were required.

Permit Requirement V.E.5.f – §63.310(e) Reports

There were no instances of startup, shutdown, or malfunction events for Batteries 19 or 20 that required the implementation of §63.310 during the report time period therefore, no reports were required.

Permit Requirement V.E.5.g, h, and i – Consent Order Reports

All reports were submitted as required and are included in Appendix 1.

Permit Requirement V.E.5.j– §63.7336(a) - MACT Stack Requirements

There were no instances where the emission limitations in Conditions V.A.1.t (daily average stack opacity) or V.A.1.u (initial compliance status notification) were not met.

Permit Requirement V.E.5.k – §63.7336(b) – Periods of Startup, Shutdown, or Malfunction

There were not periods of start-up, shutdown, or malfunction that required the implementation of the Startup, Shutdown, or Malfunction Plan relating to the requirements of 40 CFR Part 63 Subpart CCCCC.

Permit Requirement V.E.5.l and m– §63.7340(a) – Initial Notifications and test notifications

All required notifications required by §63.6(h)(4) and (5), §63.7(b) and (c), §63.8(e) and (f)(4) and §63.9(b) through (h) that apply were submitted by the specified dates.

Permit Requirement V.E.5.n and o – §63.7341(a) and (b) – Submittal of Quarterly Stack Compliance Reports

Quarterly compliance reports for Battery Stacks 19 and 20 are contained in this report for the period of March 27 through December 31, 2012. All reports were submitted as required.

Permit Requirement V.E.5.p – §63.7341(c)- Quarterly Stack Compliance Report

Quarterly compliance reports for Battery Stacks 19 and 20 are contained in this report for the period of March 27 through December 31, 2012. All reports were submitted as required.

Out-of-control periods per §63.7341 (c)(6) and (8)(iii) and/ or inoperable periods per §63.7341 (8)(ii) for stack COM's are detailed in Appendix 4.

During the period stated above there were no start-up, shutdown, malfunctions or deviations relating to the emission limitation requirements of daily stack opacity.

Permit Requirement V.E.5.q – §63.7341(d)- Startup, Shutdown, or Malfunction Occurrences

During the period stated above there were no start-up, shutdown, malfunctions or deviations that required the implementation of the requirements in §63.10(d)(5)(ii).

Permit Requirement V.E.5.r – §63.7341(e) – Reporting of Deviations

All deviations have been submitted as required to the best of our ability.

Permit Requirement V.E.6 – Work Practices

There were no deviations from the work practice requirements required by Permit Paragraph V.A.6.

Permit Section V.F -Batteries 19/20 PEC

Permit Requirement V.F1.a – §2105.21.e and IP 0052- I005a – PEC Outlet and Pushing Emissions

There were no documented deviations from the particulate mass emission rate from the pushing emission control system device. Testing was not conducted during the reporting period.

During the periods stated above there were 42 instances out 1313 observations of non-compliance on 19 Battery (96.80% compliance) and 25 instances out of 1314 observations on 20 Battery (98.10% compliance) Condition VI.1.a.2 (fugitive pushing emissions or emissions from the pushing emission control system device outlet equal or exceeding an opacity of 20%). The details of these instances along with corrective actions taken are attached in Appendix 6.

Permit Requirement V.F.1.b – §2105.21.e.6 – PM-10 SIP contingency

Implementation of the PM-10 SIP Contingency Plan was not required during the reporting period.

Permit Requirement V.F.1.c – §2105.03 and IP 0052- I005a – Pushing with the PEC

During the periods stated above there were 22 instances of non-compliance with the above condition (pushing emissions vented through the PEC system baghouse dust collector) that resulted in 928 ovens not being captured. There were 13 instances of reduced efficiency pushing operations at Battery No. 19 and 20 PEC Baghouse. These were detailed in monthly coking process reports submitted as required by Enforcement Order 202.E which are attached in Appendix 5.

There were 2396 instances where the dp was out of range and corrective action was implemented to return the dp to the normal operating range primarily due to the installation of new bags. These are detailed in Appendix 8.

Permit Requirement V.F.1.d – §63.7290(a) – Mass Emission Rate from PEC - MACT

During the period stated above, there were no documented deviations with the requirements of §63.7290 on the pushing emissions control (PEC) devices servicing Batteries 19 and 20. Tested was conducted on October 9 – 11, 2012.

Permit Requirement V.F.1.e – §63.7290(b)(3) – Minimum Daily Fan Amps

There were no deviations for recording the fan amps on 19/20 PEC. There were no other deviations with the requirements of the minimum fan amperes as established during the initial performance test per the requirements of §63.7333(d) for these units. These are detailed in Appendix 7.

Permit Requirement V.F.1.f – §63.7333(a) – Maintaining Compliance with Mass Emission Rate and Testing

During the period stated above, there were no documented deviations with the requirements of §63.7333(a) on the pushing emissions control (PEC) devices servicing Batteries 19 and 20. Tested was conducted on October 9 – 11, 2012.

Permit Requirement V.F.1.g, h, and i– §2105.03 and IP 0052-I005a – Emissions Limitations Table

During the period stated above, there were no documented deviations with above referenced requirements on the pushing emissions control (PEC) devices servicing Batteries 19 and 20. Tested was conducted on October 9 – 11, 2012.

Permit Requirement V.F.2 – Testing

There were no deviations to the testing requirements.

Permit Requirement V.F.3.a and b – IP0052- I005a – Monitoring of differential pressure drop

There were no deviations to the above referenced monitoring requirements.

Permit Requirement V.F.3.c - §63.7291(a) – Pushing Observations

During the period of March 27 through June 30, there were no ineffective corrective actions pushing observations. All of the ovens in service on Batteries 19 and 20 were observed every 90-days according to §63.7291(a)(1). There were no other start-up, shutdown, malfunctions or deviations relating to the pushing work practice requirements of §63.7291(a).

During the 3rd and 4th quarters, there was one ineffective corrective action on C13 on 20 Battery. All of the ovens in service on Batteries 19 were observed every 90-days according to §63.7291(a)(1). The following ovens were observed outside of the 90-day window due to oven conditions and repairs but were observed on the first daylight push. These ovens are: A16, A17, A18, A19, A20, A21, A22, A23, A24, A25, A26, A27, A28, A29, B1, and B2 on 20 Battery.

There were no other start-up, shutdown, malfunctions or deviations relating to the pushing work practice requirements of §63.7291(a).

Permit Requirement V.F.3.d - §63.7291(b) – Alternate to Work Practice

No alternate has been requested.

Permit Requirement V.F.3.e - §63.7300(c) – O&M Plan for PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.F.3.f, g, and h - §63.7330(a) and 63.7331(a) and (b) – Bag Leak Detection System for PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.F.3.i through k - §63.7331(c), (d) and (h)

There were no deviations to the above referenced requirements.

Permit Requirement V.F.3.l - §63.7331(g) – Volumetric Flow

The above requirement does not apply.

Permit Requirement V.F.3.m, n, and o - §63.330(d), 63.7332(a), and (b)

There were no deviations to the above referenced requirements.

Permit Requirement V.F.3.p - §63.333(d) – Minimum Fan Amps

There were no deviations to the above referenced requirements.

Permit Requirement V.F.3.q - §63.7334(a) – Pushing Observations

See above permit requirement.

Permit Requirement V.F.3.r - §63.7335(c) – Inspection of PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.F.4 – Record Keeping

There were no deviations to the above referenced record keeping requirements.

Permit Requirement V.F.5.a, b, d, and e– IP0052-I005a – Reporting of Instances of Non-compliance and Breakdown Reports

Instances of non-compliance per the above requirement are included in this submittal for the reporting period. There were no deviations regarding breakdown reporting.

Permit Requirement V.F.5.c – Coke Plant Operations Data

The reports required by Paragraph V.F.5.a were submitted as required no later than twenty days after the end of each month. The reports for the reporting period are attached in Appendix 5.

Permit Requirement V.F.5.e through k – Reporting Requirements

There were no deviations with the above referenced reporting requirements.

Permit Requirement V.F.6 – Work Practice Standards

There were no deviations to the above referenced work practice standards.

Permit Section V.G – B Battery

Permit Requirement V.G.1.a, b, c, d, e, and g – Battery Flare System –B Battery

There were 42 periods of time from May 24 through July 25, 2012 when safety concerns required the B Battery igniter flare to be removed from service while battery maintenance was performed. There were no environmental impacts during any of the periods and all were reported as required.

There were no other deviations of the above requirements relating to the operation of the battery coke oven gas flare system, during the period covered by this submittal.

Permit Requirement V.G.1.f - §63.310(a)

There were no deviations to the above reference requirement.

Permit Requirement V.G.1.h – Flare or Combustion of High H₂S Coke Oven Gas– B Battery

There were no deviations of the above requirements relating to the operation of the battery coke oven gas flare system during the period covered by this submittal on B Battery.

An outage of the No₂ Control Room Processes caused B Battery to combust coke oven gas which contained sulfur compounds in excess of 40gr/100 dscf from September 14 through September 23, 2012.

Permit Requirement V.G.1.i, and j –§63.304 and 63.306 Requirements – B Battery

There were no deviations of the above requirement (30-day rolling averages or implementation of Work Practices for doors, lids, charging, and offtakes) during the period covered by this submittal.

Permit Requirement V.G.1.k, l, m, n, and o –§2105.21a, b, c, and d Requirements – B Battery

On B Battery there were the following deviations of the above requirements for percent leaking doors (four deviations for 98.59% compliance), lids (zero deviations for 100% compliance), or offtakes (zero deviations for 100% compliance), 40 percent door leaking after 15 minutes (eight deviations for 99.9% compliance) or excess seconds of charging (two deviations 99.29% compliance). Details are listed in Appendix 2.

Permit Requirement V.G.1.p –§2105.21.e.5 Travel Requirements – B Battery

There were zero deviations on B Battery of the opacity limitations for the transport of hot coke through the open atmosphere (travel) during the reporting period of this submittal.

Permit Requirement V.G.1.q –§2105.21.f.2 Stack Mass Emission Limit – B Battery

There were no documented deviations of the above requirement during the reporting period of this submittal. Testing was not conducted during the reporting period.

Permit Requirement V.G.1.r – Enforcement Order 161 – Operation of COM

There were no deviations to the above referenced requirement.

Permit Requirement V.G.1.s –§2105.21.f.3 and 4 Stack Opacity Limits – B Battery

There were 54 deviations on B Battery for 99.18% compliance of the 20% stack opacity limit. There were 9 deviations on B Battery for 99.86% compliance of the 60% stack opacity limit. Details are listed in Appendix 1.

Permit Requirement V.G.1.t and u –§63.72969a), (b), and (d) - Stack Opacity Limits – B Battery

There were no deviations of the above limitations or requirements during the reporting period covered by this submittal.

Permit Requirement V.G.1.v –Emissions Limitations Table – B Battery

There were no deviation of the limitations of PM, PM-10, or PM2.5 for B Battery as listed in Table V.G.1.

On September 14, 15, 16, 17, 18, 19, 20, 21, and 22 an outage of No 2 Control Room caused all coke oven gas available to contain more than 40 gr/100 dscf of H₂S resulting in deviations of the SO₂ lb/hr limitation. No deviations of the SO₂ tons/year occurred.

Permit Requirement V.G.2 –Testing Requirements – B Battery

There were no deviations of the testing requirements.

Permit Requirement V.G.3 –Monitoring Requirements – B Battery

There were no deviations of the testing requirements.

Permit Requirement V.G.4 – Record Keeping Requirements

Out-of-control periods per permit requirement V.4.c and §63.7341 (c)(6) and (8)(iii) and/ or inoperable periods per §63.7341 (8)(ii) for stack COM's are detailed in Appendix 4.

There were no other record keeping deviations.

Permit Requirement V.G.5.a and b – Coke Plant Operations Data and Stack COM Data

The reports required by Paragraph V.G.5.a were submitted as required no later than twenty days after the end of each month. Details are included in Appendices 5 and 1.

Permit Requirement V.G.5.c – Battery NESHAP – B Battery

According to the semi-annual compliance certification and reporting requirements of 40 CFR §63.311(d) for the period covered by this report,

No coke oven gas was vented except through the bypass/ bleeder stack flare system of B Battery.

There were no startup, shutdown, or malfunction events for B Battery that required the implementation of §63.310.

Work practices were not implemented under §63.306 at B Battery.

Permit Requirement V.G.5.d – Venting of Coke Oven Gas

There were no instances of venting of coke oven gas during the report time period therefore, no reports were required.

Permit Requirement V.G.5.e – §63.310(d) Notification

There were no instances of startup, shutdown, or malfunction events for B Battery that required the implementation of §63.310 during the report time period therefore, no notifications were required.

Permit Requirement V.G.5.f – §63.310(e) Reports

There were no instances of startup, shutdown, or malfunction events for B Battery that required the implementation of §63.310 during the report time period therefore, no reports were required.

Permit Requirement V.G.5.g, h, and i – Consent Order Reports

All reports were submitted as required and are included in Appendix 1.

Permit Requirement V.G.5.h – §63.7336(a) - MACT Stack Requirements

There were no instances where the emission limitations in Conditions V.G.1.t (daily average stack opacity) or V.G.1.u (initial compliance status notification) were not met.

Permit Requirement V.G.5.i – §63.7336(b) – Periods of Startup, Shutdown, or Malfunction

There were not periods of start-up, shutdown, or malfunction that required the implementation of the Startup, Shutdown, or Malfunction Plan relating to the requirements of 40 CFR Part 63 Subpart CCCCC.

Permit Requirement V.G.5.j and k – §63.7340(a) – Initial Notifications

All required notifications required by §63.6(h)(4) and (5), §63.7(b) and (c), §63.8(e) and (f)(4) and §63.9(b) through (h) that apply were submitted by the specified dates. All notifications were made as required.

Permit Requirement V.G.5.l and m – §63.7341(a) and (b) – Submittal of Quarterly Stack Compliance Reports

Quarterly compliance reports for B Battery for March 27 through December 31, 2012 are contained in Appendix 4.

Permit Requirement V.G.5.n – §63.7341(c)- Quarterly Stack Compliance Report

Quarterly compliance reports for B Battery for March 27 through December 31, 2012 are contained in Appendix 4 per the requirements of 40 CFR §63.7341.

Out-of-control periods per §63.7341 (c)(6) and (8)(iii) and/ or inoperable periods per §63.7341 (8)(ii) for stack COM's are detailed in Appendix 4_____.

During the period stated above there were no start-up, shutdown, malfunctions or deviations relating to the emission limitation requirements of daily stack opacity.

Permit Requirement V.G.5.o – §63.7341(d)- Startup, Shutdown, or Malfunction Occurrences

During the period stated above there were no start-up, shutdown, malfunctions or deviations that required the implementation of the requirements in §63.10(d)(5)(ii).

Permit Requirement V.G.5.p – §63.7341(e) – Reporting of Deviations

All deviations have been submitted as required to the best of our ability.

Permit Requirement V.G.6 – Work Practices

There were no deviations from the work practice requirements required by Permit Paragraph V.A.6.

Batteries B PEC

Permit Requirement V.H.1.a – §2105.21.e – PEC Outlet and Pushing Emissions

There were no documented deviations from the particulate mass emission rate from the pushing emission control system device. Testing was conducted on September 18 -21, 2012.

During the report period there was 1 instance out 1209 observations of non-compliance on B Battery (99.92% compliance) (fugitive pushing emissions or emissions from the pushing emission control system device outlet equal or exceeding an opacity of 20%). The details of this instance along with the corrective action taken are attached in Appendix 6.

Permit Requirement V.H.1.b – §2105.03– Pushing with the PEC

During the periods stated above there were no instances of non-compliance with the above requirement. There were three instances of reduced efficiency of the baghouse shed. These were reported as required and are detailed in Appendix 5.

Permit Requirement V.H.1.c – §63.7290(a) – Mass Emission Rate from PEC - MACT

During the period stated above, there were no documented deviations with the requirements of §63.7290 on the pushing emissions control (PEC) devices servicing B Battery. Testing was conducted on September 18 – 21, 2012.

Permit Requirement V.H.1.d – §63.7290(b)(3) – Minimum Daily Fan Amps

There were no deviations with the requirements of the minimum fan amperes as established during the initial performance test per the requirements of §63.7333(d) for these units.

Permit Requirement V.H.1.e – §63.7333(a) – Maintaining Compliance with Mass Emission Rate and Testing

During the period stated above, there were no documented deviations with the requirements of §63.7333(a) on the pushing emissions control (PEC) devices servicing B Battery. Testing was conducted on September 18 – 21, 2012.

Permit Requirement V.H.1.f – §2105.03 and IP 0052-I006 – Emissions Limitations Table

During the period stated above, there were no documented deviations with above referenced requirements on the pushing emissions control (PEC) devices servicing B Battery. Testing was conducted on September 18 – 21, 2012.

Permit Requirement V.H.2 – Testing

There were no deviations to the testing requirements.

Permit Requirement V.H.3.a and b – IP0052-006 – Monitoring of differential pressure drop

There were no deviations to the above referenced monitoring requirements.

Permit Requirement V.H.3.c - §63.7291(a) – Pushing Observations

There were no start-up, shutdown, malfunctions or deviations relating to the pushing work practice requirements of §63.7291(a).

Permit Requirement V.H.3.d - §63.7291(b) – Alternate to Work Practice

No alternate has been requested.

Permit Requirement V.H.3.e - §63.7300(c) – O&M Plan for PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.H.3.f, g, and h - §63.7330(a) and 63.7331(a) and (b) – Bag Leak Detection System for PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.H.3.i through k - §63.7331(c), (d) and (h)

There were no deviations to the above referenced requirements.

Permit Requirement V.H.3.l - §63.7331(g) – Volumetric Flow

The above requirement does not apply.

Permit Requirement V.H.3.m, n, and o - §63.330(d), 63.7332(a), and (b)

There were no deviations to the above referenced requirements.

Permit Requirement V.H.3.p - §63.333(d) – Minimum Fan Amps

There were no deviations to the above referenced requirements.

Permit Requirement V.H.3.q - §63.7334(a) – Pushing Observations

There were no deviations to the above referenced requirements.

Permit Requirement V.H.3.r - §63.7335(c) – Inspection of PEC System

There were no deviations to the above referenced requirements.

Permit Requirement V.H.4 – Record Keeping

There were no deviations to the above referenced record keeping requirements.

Permit Requirement V.H.5.a, b, and d - Reporting of Instances of Non-compliance and Breakdown Reports

Instances of non-compliance per the above requirement are included in this submittal for the reporting period. There were no deviations regarding breakdown reporting.

Permit Requirement V.B.H.c – Coke Plant Operations Data

The reports required by Paragraph V.H.5.a were submitted as required no later than twenty days after the end of each month. The reports for the reporting period are attached in Appendix 5.

Permit Requirement V.B.5.e through k – Reporting Requirements

There were no deviations with the above referenced reporting requirements.

Permit Requirement V.B.6 – Work Practice Standards

There were no deviations to the above referenced work practice standards.

Permit Section I – Quench Towers No. 1, 5, 7, and B

Permit Requirement V.I.1.a – §2105.21.g - Quench Water Quality

The certification contained in this report is based on the understanding that make-up water used for the quenching of coke will be “equivalent to, or better than, the water quality standards established for the Monongahela River by regulation promulgated by the DEP under the Pennsylvania Clean Streams Law, - except that water from the Monongahela River may be used for” such quenching make-up.

Permit Requirement V.I.1.b - §63.7295(a) – Water Quality

There are no deviations to the above referenced requirement.

Permit Requirement V.I.1.c - §63.7326(d) – Compliance Status Notification

All initial compliance notifications were submitted previously according to the deadlines in §63.7326(d).

Permit Requirement V.I.2 – Testing Requirements

There were no deviations to the testing requirements. All required testing was performed in the required time frames.

Permit Requirement V.I.3 – Monitoring Requirements

There were no deviations to the monitoring requirements.

Permit Requirement V.I.4 – Record Keeping

There were no deviations to the record keeping requirements.

Permit Requirement V.I.5 – Reporting Requirements

During the period stated above there were no start-ups, shutdowns, or malfunctions relating to the quenching requirements of §63.7295.

Permit Requirement V.I.5 – Work Practice Requirements

There were no deviations to the work practice standards.

Permit Section J – Alternate Quench Towers No. 6 and 8

Note: The statements below pertain to the period of March 27 through October 29, 2012 for Quench Tower 6 when it became inaccessible and the period of March 27 through November 12, 2012 for Quench Tower 8 when it became inaccessible. The towers were removed from service on as part of the construction project authorized by IP0052 – 1014.

Permit Requirement V.J.1.a – §2105.21.g - Quench Water Quality

The certification contained in this report is based on the understanding that make-up water used for the quenching of coke will be “equivalent to, or better than, the water quality standards established for the Monongahela River by regulation promulgated by the DEP under the Pennsylvania Clean Streams Law, - except that water from the Monongahela River may be used for” such quenching make-up.

Permit Requirement V.J.1.b - §63.7295(a) – Water Quality

There are no deviations to the above referenced requirement.

Permit Requirement V.J.1.c - §63.7326(d) – Compliance Status Notification

All initial compliance notifications were submitted previously according to the deadlines in §63.7326(d).

Permit Requirement V.J.2 – Testing Requirements

There were no deviations to the testing requirements. All required testing was performed in the required time frames.

Permit Requirement V.J.3 – Monitoring Requirements

There were no deviations to the monitoring requirements.

Permit Requirement V.J.4 – Record Keeping

There were no deviations to the record keeping requirements.

Permit Requirement V.J.5 – Reporting Requirements

During the period stated above there were no start-ups, shutdowns, or malfunctions relating to the quenching requirements of §63.7295.

Permit Requirement V.J.5 – Work Practice Requirements

There were no deviations to the work practice standards.

Permit Section K – Desulfurization Plant

Permit Requirement V.K.1.a – RACT Plan 234

There were no deviations of the above referenced requirement.

Permit Requirement V.K.1.b – General Opacity

There were no deviations of the above referenced requirement.

Permit Requirement V.K.1.c , d, e, f, and g – Enforcement Order 200

Except for an outage of the No 2 Control Room from September 18 through 22, which caused a by-pass of the Desulfurization Plant, there were no deviations of the above listed requirements.

Permit Requirement V.K.1.h – Particulate Matter Emission Limits

There were no deviations of the particulate matter emission limitations.

Permit Requirement V.K.1.i – SO₂ Emission Limits

There were no deviations of the sulfur dioxide emission limitations.

Permit Requirement V.K.1.j - §2105.21.h – 40 gr/100 dscf H₂S Limit in COG

An outage of the No 2 Control Room from September 18 through 22 caused a by-pass of the Desulfurization Plant and therefore deviation from the above requirement.

Permit Requirement V.K.2 – Testing Requirements

There were not deviations to the above referenced testing requirements. Testing was conducted on June 12, 2012.

Permit Requirement V.K.3 – Monitoring Requirements

There were not deviations to the above referenced monitoring requirements.

Permit Requirement V.K.4 – Record Keeping Requirements

There were not deviations to the above referenced record keeping requirements.

Permit Requirement V.K.5 – Reporting Requirements

There were not deviations to the above referenced reporting requirements. All events that caused the breakdown or unavailability of the equipment listed in Permit Requirement V.K.5.a were reported as required.

The reports required by Paragraph V.K.5.b were submitted as required no later than twenty days after the end of each month.

Permit Requirement V.K.6 – Work Practice standards

There are no listed requirements in the permit.

Permit Requirement V.K.7 – Additional Requirements

The engineering evaluation required the above permit requirement was completed and submitted as required.

Permit Section L – Keystone Cooling Tower

Permit Requirement V.L.1.a and b – §2105.21.h and 2103.12.a

There were no deviations of the above referenced permit requirements.

Permit Requirement V.L.1.c – §2105.21.h – Cooling Tower Water Quality

The certification contained in this report is based on the understanding that make-up water used for the quenching of coke will be “equivalent to, or better than, the water quality standards established for the Monongahela River by regulation promulgated by the DEP under the Pennsylvania Clean Streams Law, - except that water from the Monongahela River may be used for” such quenching make-up.

Permit Requirement V.L.2 – Testing Requirements

There are no requirements in this permit paragraph.

Permit Requirement V.L.3. – Monitoring Requirements

There are no requirements in this permit paragraph.

Permit Requirement V.L.4. – Record Keeping Requirements

There are no requirements in this permit paragraph.

Permit Requirement V.L.5. – Reporting Requirements

There are no requirements in this permit paragraph.

Permit Requirement V.L.6. – Work Practice Standards Requirements

There are no requirements in this permit paragraph.

Permit Requirement V.L.7. – Additional Requirements

There are no requirements in this permit paragraph.

Permit Section M – Coke By-Products Recovery Plant

Permit Requirement V.M.1.a and b – RACT Plan Requirement to Maintain and Operate Gas Blanketing System

There were no deviations to the above referenced requirement.

Permit Requirement V.L. 1.c – zz – 40 CFR Part 61 Subparts L and V

See below reporting requirements.

Permit Requirement V.L. 1.aaa – §61.342(a) – 40 CFR Part 61 Subpart FF

See below reporting requirements.

Permit Requirement V.L. 1.bbb – Storage Tanks

No deviations to report.

Permit Requirement V.L. 1.ccc and ddd– IP0052-I004a – Methanol Tanks

No deviations to report.

Permit Requirement V.L. 1.eee – Reactivation of Storage Tanks

No deviations to report.

Permit Requirement V.L. 1.fff – Emissions Limitations Table

No deviations to report.

Permit Requirement V.L. 2 – Testing Requirements

No deviations to report.

Permit Requirement V.L.3 – Monitoring Requirements

See below reporting requirements.

Permit Requirement V.L. 4 – Record Keeping Requirements

See below reporting requirements.

Permit Requirement V.L. 5.a – §61.138(e) – Initial Compliance Notification

All notifications were submitted as required.

Permit Requirement V.L. 5.b and c - §61.138(f) and 61.247(b) – Semiannual Report

Monthly audits of equipment in benzene service as defined in 40 CFR, Part 61, Subparts L and V have been conducted in accordance with Environmental Protection Agency (EPA) Reference Method 21, *Determination of Volatile Organic Compound Leaks*. Results of these monitoring events, including total components monitored and total leaking components identified, can be found in Appendix 9.

An audit of gas blanketing vessels was conducted on April 9, 2012. Seven (7) leaks were discovered during the monitoring event. All leaks were repaired within the allowable time period. No abnormalities were discovered during the monitoring event.

During the October 2012 monitoring event, twelve (12) leaks received initial repairs after five (5) days of detection. §61.242-7(d)(2) requires that an initial repair attempt for a leaking valve must be made within five (5) calendar days of the detection of the leak. All twelve (12) leaks received final repairs within the required fifteen (15) days. All other leaks found during this semi-annual period were repaired and re-monitored within the required 5/15 days. Clairton Works does not have any valves subject to the alternative standards of 61-243-1 or 61-243-2.

Separate from the monitoring of components in benzene service, an audit of gas blanketing vessels was conducted on September 24, 2012. Twelve (12) leaks were identified during the monitoring event. Two (2) leaks were repaired with delay of repair (due to a training malfunction) and two (2) leaks remain on delay of repair (require a process unit shut-down). The remaining eight (8) leaks were repaired within the allowable time period. Abnormalities in tops of Light Oil Storage Tanks 62, 63 and 64 were initially identified by the criteria of high benzene concentrations measured during area gas-tests as administered by US Steel Gas Services, which made the tops of these tanks temporarily unsafe to monitor. These three abnormalities were documented among the twelve (12) leaks identified during the monitoring event.

Permit Requirement V.L. 5.d – Alternate Standard

No alternate standard has been requested.

Permit Requirement V.L. 5.e - §61.357(a)(1), (a)(2), (a)(3), and (c) – Total Annual Benzene Reporting

The Total Annual Benzene Report for the period of March 27 through December 31, 2012 will be submitted on or before April 7, 2013.

Permit Requirement V.L. 5.f and g– IP0052-I004a - Methanol Tanks

During the periods stated above there were no documented periods of non-compliance with Conditions V.A.1.a or b (emissions from the storage tanks and operation of the gas blanketing system).

During the periods stated above methanol was stored in Tanks V-400 and V-410 and Tank V-430 contains MEA. The net throughput of the methanol wash system for the period of March 27 through December 31, 2012 was 30,038 gallons.

Permit Requirement V.L.6 – Work Practices

No deviations to report.

Permit Requirement V.N.5 – No. 1 and No. 2 Continuous Barge Unloaders

This fulfills the requirements for semi-annual reporting of No. 1 and No. 2 Continuous Barge Unloaders per Permit Requirement V.N.5.

There were no deviations to report.

The annual visible emission observation was performed and recorded. See Appendix 10.

Permit Requirement V.O.5 – Pedestal Crane Unloader

This fulfills the requirements for semi-annual reporting of the Pedestal Crane Unloader per Permit Requirement V.O.5.

There were no deviations to report.

The annual visible emission observation was performed and recorded. See Appendix 10.

Permit Requirement V.P.5 – Wharf Crane Unloader

This fulfills the requirements for semi-annual reporting of the Wharf Crane Unloader per Permit Requirement V.P.5.

There were no deviations to report.

The annual visible emission observation was performed and recorded. See Appendix 10.

Permit Requirement V.Q.5 – Coal Transfer

This fulfills the requirements for semi-annual reporting of Coal Transfer per Permit Requirement V.Q.5.

There were no deviations to report.

The annual visible emission observation was performed and recorded. See Appendix 10.

Permit Requirement V.R.5 – No. 1 Primary and Secondary Pulverizers and No. 2 Primary and Secondary Pulverizers

This fulfills the requirements for semi-annual reporting of the No. 1 Primary and Secondary Pulverizers and No. 2 Primary and Secondary Pulverizers per Permit Requirement V.R.5.

The compliance certification contained in this application is based on the understanding that 82104.02.e "...enclose all coal feed chutes...", requires the enclosure of all feed chutes to the pulverizers per Paragraph 14, page 7 of the GASP Agreement, "...enclose all feed chutes to the pulverizers..."

There were no deviations to report.

The type of dust suppressant used at all pulverizers is #2 Diesel fuel.

The total amount of dust suppressant applied to the coal at all of the pulverizers was monitored and recorded. See Appendix 11.

Permit Requirement V.S.5 – Surge Bins and Bunkers

This fulfills the requirements for semi-annual reporting of the Surge Bins and Bunkers per Permit Requirement V.S.5.

There were no deviations to report.

The annual visible emission observation was performed and recorded. See Appendix 10.

Permit Requirement V.T.5 – Coke Transfer

This fulfills the requirements for semi-annual reporting of Coke Transfer per Permit Requirement V.T.5.

There were no deviations to report.

The annual visible emission observation was performed and recorded. See Appendix 10.

Permit Requirement V.U.5 – No. 1 and No. 2 Coke Screening Stations

This fulfills the requirements for semi-annual reporting of the No. 1 and No. 2 Coke Screening Stations per Permit Requirement V.U.5.

There were no deviations to report.

The annual visible emission observation was performed and recorded. See Appendix 10.

Permit Requirement V.V.5 – Coke Screening Station No. 3

This fulfills the requirements for semi-annual reporting of Coke Screening Station #3 per Permit Requirement V.V.5.

There are no deviations to report.

The No 3 Screening was not in operation during the report period. It has been replaced by the No 4 Screening Station.

Permit Requirement V.W.5 – Boom Conveyor

This fulfills the requirements for semi-annual reporting of the Boom Conveyor (coal pile destocking) per Permit Requirement V.W.5.

There were no deviations to report.

The monthly tons of coal transferred by the boom conveyor operations was monitored and recorded. See Appendix 12.

The monthly visible emission observation was performed and recorded. See Appendix 12.

Permit Requirement V.X.5 – Coal and Coke Recycle Screening

This fulfills the requirements for semi-annual reporting of Coal and Coke Recycle Screening per Permit Requirement V.X.5.

There were no deviations to report.

The annual visible emission observation was performed and recorded. See Appendix 10.

Permit Requirement V.Y.5 – Peter’s Creek Coke Screening Station

This fulfills the requirements for semi-annual reporting of the Peter’s Creek Coke Screening Station per Permit Requirement V.Y.5.

There were no deviations to report.

The annual visible emission observation was performed and recorded. See Appendix 10.

Permit Requirement V.Z.5 – Light Oil Barge Loading

This fulfills the requirements for semi-annual reporting of Light Oil Barge Loading per Permit Requirement V.Z.5.

The updated documentation file for each marine tank vessel leak test was recorded. See Appendix 13.

There are no deviations to report.

All notifications have been made as required.

Permit Requirement V.AA.5 – Boiler No. 1

This fulfills the requirements for semi-annual reporting of Boiler No. 1 per Permit Requirement V.AA.5.

There are no deviations to report.

The monthly usage of coke oven gas and natural gas was monitored and recorded. See Appendix 14.

The monthly average H₂S content of the coke oven gas was monitored and recorded. See Appendix 14.

Permit Requirement V.BB.5 – Boiler No. 2

This fulfills the requirements for semi-annual reporting of Boiler No. 2 per Permit Requirement V.BB.5.

There are no deviations to report.

The monthly usage of coke oven gas and natural gas was monitored and recorded. See Appendix 14.

The monthly average H₂S content of the coke oven gas was monitored and recorded. See Appendix 14.

Permit Requirement V.CC.5 – Boilers R1 and R2

This fulfills the requirements for semi-annual reporting of Boilers R1 and R2 per Permit Requirement V.CC.5.

There were no deviations to report.

The monthly usage of coke oven gas and natural gas was monitored and recorded. See Appendix 14.

The monthly average H₂S content of the coke oven gas was monitored and recorded. See Appendix 14.

Permit Requirement V.DD.5 – Boilers T1 and T2

This fulfills the requirements for semi-annual reporting of Boilers T1 and T2 per Permit Requirement V.DD.5.

There are no deviations to report.

The monthly usage of coke oven gas and natural gas was monitored and recorded. See Appendix 14.

The monthly average H₂S content of the coke oven gas was monitored and recorded. See Appendix 14.

Permit Requirement V.EE.5 – Ammonia Flare

This fulfills the requirements for semi-annual reporting of the ammonia flare per Permit Requirement V.EE.5.

The monthly fuel usage and monthly hours of operation was monitored and recorded. See Appendix 15.

There are no deviations to report.

Permit Requirement V.FF – Abrasive Blasting

No deviations to report.

Permit Requirement V.GG – Cold Cleaning Machines

No deviations to report.

Section VI – Alternative Operating Scenarios

There are no alternative operating scenarios.

Fourth Quarter 2012

Battery		Fourth Quarter 2012			
Push & Travel		October	November	December	Total
1		1	4	3	8
2		3		1	4
3		1	1	7	9
13		1	1		2
14		0		2	2
15		2			2
19		7	6	3	16
20		4	1	1	6
B		0			0
		19	13	17	49
					\$ 24,500

Stacks		October	November	December	Total	total - 33	
1		46	26	39	111	78	\$ 23,400
2		26	25	20	71	38	\$ 11,400
3		41	24	36	101	68	\$ 20,400
13		6	4	5	15		
14		5	7	0	12		
15		23	11	16	50	17	\$ 5,100
19		5	2	2	9		
20		22	8	2	32		
B		13	3	2	18		
Total		187	110	122	419	201	\$60,300

Stacks		\$60,300
Pushing	\$	24,500
Soaking	\$0	
Total		\$84,800

TOTAL \$84,800

US Steel
 Clairton
 Ver. 6.4.7
 s
 FROM: 10/1/2012 TO: 12/31/2012

PUSHING & TRAVEL SUMM/ BREAKDOWNS INCLUDED									
FROM: 10/1/2012 TO: 12/31/2012									
REASON: All					REGULATION: All				
					AGENCY: All				
BATTERY	TOTAL NO. OBSERV.	PREPUSH MAX OPAC.	PUSH MAX OPAC.	TRAV MAX OPAC.	PUSH PERFORMANCE	NUM PUSH OUT OF COMP.	TRAVEL PERFORMANCE	NUM TRAV OUT OF COMP.	
01	789	0%	45%	50%	99.67%	01	99.24%	06	
02	760	0%	50%	60%	99.74%	02	99.34%	05	
03	774	0%	60%	60%	99.48%	04	98.84%	09	
13	379	0%	80%	35%	99.47%	02	99.47%	02	
14	382	0%	10%	45%	100.00%	00	99.48%	02	
15	383	0%	50%	40%	99.48%	02	99.74%	01	
19	488	0%	80%	55%	97.13%	14	96.72%	16	
20	483	0%	60%	75%	98.96%	05	98.76%	06	
B	377	0%	15%	5%	100.00%	00	100.00%	00	
C	165	0%	75%	10%	94.55%	09	100.00%	00	
TOT/MAX AVERAGE	4980	0%	80%	75%	98.87%	39	99.16%	47	

STACK OBSERVAT
BREAKDOWNS INCL _D
FROM: 10/1/2012 TO: 12/31/2012

REGULATION: All

AGENCY: All

BATTERY	NUMBER	LOW OPAC			LOW OPAC			LOW OPAC			HIGH OPAC			HIGH OPAC			MACT			MACT PER		
		MINUTES	HOURS OUT	HOURS IN	PERFORMANCE	MINUTES	HOURS OUT	HOURS IN	PERFORMANCE	MINUTES	HOURS OUT	HOURS IN	PERFORMANCE	DAYS IN	DAYS OUT	AVERAGE	AVERAGE					
01	2,145	972.33	109	2,036	94.92%	14.00	20	2,125	99.07%	92	0	2.07	100.00%									
02	2,088	765.33	64	2,034	98.93%	11.67	18	2,070	99.14%	92	0	1.59	100.00%									
03	2,136	499.09	94	2,046	95.60%	17.67	23	2,116	98.92%	92	0	1.39	100.00%									
13	2,156	181.83	14	2,142	99.35%	0.67	2	2,154	99.51%	92	0	1.33	100.00%									
14	2,155	223.33	12	2,143	99.44%	0.00	0	2,155	100.00%	92	0	1.28	100.00%									
15	2,143	524.09	49	2,094	97.71%	4.33	7	2,136	99.67%	92	0	1.67	100.00%									
19	2,110	112.00	9	2,101	99.57%	5.00	3	2,107	98.86%	92	0	1.46	100.00%									
20	2,128	260.63	32	2,096	98.50%	0.00	0	2,128	100.00%	92	0	1.21	100.00%									
B	2,123	275.33	18	2,105	99.15%	1.50	1	2,122	99.95%	92	0	1.00	100.00%									
C	899	4,703.00	101	717	79.84%	2,245.33	114	784	87.31%	37	6	7.92	86.05%									
Total	20,084	8,865.00	582	19,502		2,400.17	188	19,896														
Average					98.10%				98.38%			2.03										

US Steel Clairton Ver. 1.1		STACK OBSERVATI BREAKDOWNS INCL .J FROM: 3/27/2012 TO: 12/31/2012																					
REASON: All														REGULATION: All									
AGENCY: All																							
BATTERY	NUMBER	LOW OPAC	MINUTES	HOURS OUT	LOW OPAC	HOURS IN	LOW OPAC	PERFORMANCE	HIGH OPAC	MINUTES	HOURS OUT	HIGH OPAC	HOURS IN	HIGH OPAC	PERFORMANCE	MACT	DAYS IN	MACT	DAYS OUT	MACT	AVERAGE	MACT PERF	AVERAGE
01	6,801	2,985.67		274	6,327		95.85%		31.33		45		8,556		99.32%		280		0		1.74		100.00%
02	6,542	3,544.50		326	6,216		95.02%		85.33		109		6,433		98.33%		280		0		1.61		100.00%
03	6,593	4,381.00		428	6,165		93.51%		84.00		96		6,497		98.54%		280		0		1.76		100.00%
13	6,653	815.83		64	6,689		99.04%		13.33		13		6,640		99.80%		280		0		1.20		100.00%
14	6,630	1,072.17		83	6,547		98.75%		22.00		16		6,614		99.76%		280		0		1.27		100.00%
15	6,574	2,302.00		230	6,344		96.50%		40.33		46		6,528		99.30%		280		0		2.10		100.00%
19	6,331	898.17		60	6,471		99.08%		38.50		28		6,503		99.57%		280		0		1.38		100.00%
20	6,619	848.17		90	6,529		98.64%		10.50		12		6,607		99.82%		280		0		0.84		100.00%
B	6,616	717.67		54	6,562		99.18%		11.83		9		6,607		99.86%		280		0		1.01		100.00%
C	899	4,703.00		181	717		75.84%		2,345.33		114		784		87.31%		37		6		7.92		86.95%
Total	60,257	22,100.17		1,790	58,467				2,682.59		488		89,769										
Average							95.54%								98.16%						2.08		

TOPSIDE OB' FIONS
BREAKDOWN CLUDED
FROM: 3/27/2012 TO: 12/31/2012

IONS
CLUDED
TO: 12/31/

REGULATION: All

AGENCY: All

ED_002508A_00001217-00067

US Steel
Clairton
Veo 6.4.7.0

CHARGE OBSEF 4S
BREAKDOWNS II JDED
FROM: 3/27/2012 TO: 12/31/2012

REASON: All										REGULATION: All										AGENCY: All									
		SIP		SIP		NESHAP		NESHAP		NUMBER OF		SIP		SIP		30 DAY		NESHAP		USS									
BATTERY	NUMBER OF OBSERV	AVG SEC		AVG SEC		AVG SEC		AVG SEC		CHARGES OVER 12 SEC		CHARGING PERFORM		CHARGING LIMIT		LOG AVG SECONDS		CHARGING PERFORM		CHARGING LIMIT									
		PER OBSERV	PER CHARGE	PER OBSERV	PER CHARGE	PER OBSERV	PER CHARGE	PER OBSERV	PER CHARGE	PER OBSERV	PER CHARGE	PER OBSERV	PER CHARGE	PER OBSERV	PER CHARGE	PER OBSERV	PER CHARGE	PER OBSERV	PER CHARGE	PER OBSERV	PER CHARGE								
01	282	26.87	0.00	0.00	0.00	32.23	0.00	0.00	0.00	1	100.00%	75 sec.	100.00%	100.00%	6.08	100.00%	100.00%	12 sec.	12 sec.										
02	283	29.35	0.00	0.00	0.00	34.86	0.00	0.00	0.00	12	99.29%	75 sec.	99.29%	100.00%	6.38	100.00%	100.00%	12 sec.	12 sec.										
03	282	27.10	0.00	0.00	0.00	32.57	0.00	0.00	0.00	8	99.65%	75 sec.	99.65%	100.00%	6.00	100.00%	100.00%	12 sec.	12 sec.										
13	282	25.52	0.00	0.00	0.00	25.52	0.00	0.00	0.00	1	100.00%	55 sec.	100.00%	100.00%	4.78	100.00%	100.00%	12 sec.	12 sec.										
14	281	24.37	0.00	0.00	0.00	24.37	0.00	0.00	0.00	1	100.00%	55 sec.	100.00%	100.00%	4.58	100.00%	100.00%	12 sec.	12 sec.										
15	282	27.78	0.00	0.00	0.00	27.78	0.00	0.00	0.00	3	100.00%	55 sec.	100.00%	100.00%	5.13	100.00%	100.00%	12 sec.	12 sec.										
19	285	28.54	0.00	0.00	0.00	34.29	0.00	0.00	0.00	4	99.65%	75 sec.	99.65%	100.00%	6.39	100.00%	100.00%	12 sec.	12 sec.										
20	283	30.72	0.00	0.00	0.00	30.72	0.00	0.00	0.00	1	100.00%	55 sec.	100.00%	100.00%	5.81	100.00%	100.00%	12 sec.	12 sec.										
B	282	36.63	0.00	0.00	0.00	36.63	0.00	0.00	0.00	8	99.29%	55 sec.	99.29%	100.00%	6.91	100.00%	100.00%	12 sec.	12 sec.										
C	42	86.44	0.43	0.43	0.43	86.44	0.43	0.43	0.43	21	54.76%	55 sec.	54.76%	88.10%	9.50	88.10%	88.10%	12 sec.	12 sec.										
TOT/AVG	2584	29.49	0.00	0.00	0.00	31.90	0.00	0.00	0.00	60	99.03%		99.03%	99.81%	5.85	99.81%	99.81%												

US Steel
Clairton

DOOR SUMM
BREAKDOWNS
FROM: 3/27/2012 TO: 12/31/2012

REASON: All

REGULATION: All

AGENCY: All

BATTERY	TOTAL #	TOTAL	# DOORS	AVERAGE	PUSH SIDE	AVERAGE	CORE SIDE	AVERAGE	SIP	SIP DOOR	NESHAP	AVERAGE %	NESHAP	NESHAP DOOR
	OBSERV	LEAKS	LEAKING	LEAKS	DOOR ONLY	% PUSH	DOOR ONLY	% COKE	% OTHER	PERFORMANCE	AVG DAILY	DOOR LEAKS	DOOR	PERFORMANCE
					LEAKS	LEAKING	LEAKS	LEAKING	LEAKING	LIMIT	% DOOR LEAKS	39 DAY AVG	PERFORMANCE	LIMIT
01	265	424	1.70	0.37%	133	0.73%	204	1.12%	0.33%	100.00%	1.35%	1.24%	100.00%	3.2%
02	266	536	1.87	0.45%	153	0.84%	217	1.15%	0.45%	100.00%	1.48%	1.48%	100.00%	3.2%
03	286	544	1.90	0.48%	138	0.75%	176	0.94%	0.62%	99.65%	1.53%	1.44%	100.00%	3.1%
07	1	1	1.00	0.00%	1	1.00%	0	0.00%	0.00%	100.00%	0.78%	0.03%	100.00%	3.3%
13	283	440	1.55	0.32%	204	1.18%	213	1.25%	0.62%	99.29%	1.28%	1.23%	100.00%	3.3%
14	281	521	1.85	0.38%	244	1.42%	218	1.27%	0.88%	99.29%	1.52%	1.51%	100.00%	3.2%
15	282	318	1.13	0.13%	140	0.81%	108	0.84%	0.18%	100.00%	0.98%	0.93%	100.00%	3.1%
19	286	511	1.79	0.25%	334	1.34%	147	0.55%	0.63%	100.00%	1.83%	1.00%	100.00%	3.3%
20	283	350	1.24	0.13%	205	0.83%	109	0.44%	0.86%	100.00%	0.75%	0.71%	100.00%	3.1%
B	284	1227	4.32	0.69%	297	1.39%	821	3.85%	0.20%	98.59%	0.92%	0.84%	100.00%	4%
C	40	6	0.15	0.05%	3	0.69%	2	0.06%	0.01%	100.00%	0.10%	0.02%	100.00%	4%
TOTAL/AVG	2597	4818	1.68	0.30%	1852	1.00%	2215	1.03%	0.19%	99.71%	1.06%	0.95%	100.00%	

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agly	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Description	Break Down	Root Cause Response
712817	OPEN	12/31/12 21:00	BATTERY 1	B01	U	Routine	STACK 20%	SIP		29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712802	OPEN	12/31/12 18:00	BATTERY 3	B02 A23 A25 A31 B04	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712785	OPEN	12/31/12 16:00	BATTERY 3	A21	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712761	OPEN	12/31/12 11:00	BATTERY 1	B10	U	Routine	STACK 20%	SIP		43 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712727	OPEN	12/30/12 23:30	BATTERY 1	B17	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712635	OPEN	12/30/12 14:00	BATTERY 1	C01	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712630	OPEN	12/30/12 13:30	BATTERY 1	B20	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712626	OPEN	12/30/12 12:00	BATTERY 1	B10	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712604	OPEN	12/30/12 01:00	BATTERY 1	B17 B19	U	Routine	STACK 20%	SIP		51 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712582	OPEN	12/29/12 19:00	BATTERY 1	A04	U	Routine	STACK 20%	SIP		34 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712502	OPEN	12/29/12 11:00	BATTERY 1	B10	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712414	OPEN	12/28/12 19:00	BATTERY 1	A04	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712350	OPEN	12/28/12 05:00	BATTERY 1	B10	U	Routine	STACK 60%	SIP		3 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_

EXCEEDANCE 7 KING LOG - CA RESPONSES
FROM: 3/27/2012 TO: 12/31/2012

[illegible]

Reference Number	Event Status	Inspect Date	Facility	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrpt	Break Down	Root Cause Response
712369	OPEN	12/28/12 05:00	BATTERY 1	B30	U	Routine	STACK 20%	SIP	24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712391	OPEN	12/27/12 20:00	BATTERY 1	A12	U	Routine	STACK 20%	SIP	57 Rdg => 20%		
712276	OPEN	12/27/12 17:00	BATTERY 3	A21	U	Routine	STACK 20%	SIP	37 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
712194	RDY1	12/27/12 00:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP	19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711968	OPEN	12/26/12 17:00	BATTERY 3	A21	U	Routine	STACK 20%	SIP	19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711927	OPEN	12/25/12 06:00	BATTERY 3	A24	U	Routine	STACK 20%	SIP	22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711886	OPEN	12/24/12 23:00	BATTERY 1	B31	U	Routine	STACK 20%	SIP	26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711833	OPEN	12/24/12 16:00	BATTERY 2	B19	U	Routine	STACK 20%	SIP	25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711834	OPEN	12/24/12 13:00	BATTERY 1	B10	U	Routine	STACK 20%	SIP	23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711828	OPEN	12/24/12 12:00	BATTERY 1	A31	U	Routine	STACK 20%	SIP	42 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711716	OPEN	12/23/12 21:00	BATTERY 3	A29	U	Routine	STACK 20%	SIP	63 Rdg => 30%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711714	OPEN	12/23/12 20:00	BATTERY 3	A29	U	Routine	STACK 20%	SIP	76 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711715	OPEN	12/23/12 20:00	BATTERY 3	A29	U	Routine	STACK 80%	SIP	7 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_

US Steel
Clairton Work
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EXCEEDANCE ~ KING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Corr Action Response
HEATING: enNotifiedOperations

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Event Descrpt	Break Down	Root Cause Response
711700	OPEN	12/20/12 12:00	BATTERY 2	A06	U	Routine	STACK 20%	SIP	42 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711301	OPEN	12/21/12 06:00	BATTERY 3	A24	U	Routine	STACK 20%	SIP	21 Rdg => 30%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711195	OPEN	12/20/12 18:00	BATTERY 2	B13	U	Routine	STACK 20%	SIP	43 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711196	OPEN	12/20/12 18:00	BATTERY 2	B13	U	Routine	STACK 60%	SIP	7 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711190	OPEN	12/20/12 17:00	BATTERY 2	B01	U	Routine	STACK 20%	SIP	22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711191	OPEN	12/20/12 17:00	BATTERY 2	B01	U	Routine	STACK 60%	SIP	2 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711189	OPEN	12/20/12 16:00	BATTERY 1	B20	U	Routine	STACK 60%	SIP	1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711067	OPEN	12/19/12 16:00	BATTERY 2	B21	U	Routine	STACK 20%	SIP	34 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
711016	OPEN	12/19/12 04:00	BATTERY 2	B06	U	Routine	STACK 20%	SIP	30 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710877	OPEN	12/18/12 04:00	BATTERY 3	A04 A02	U	Routine	STACK 20%	SIP	28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710871	OPEN	12/18/12 01:00	BATTERY 1	A30	U	Routine	STACK 20%	SIP	25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710759	OPEN	12/17/12 09:00	BATTERY 3	A28	U	Routine	STACK 20%	SIP	35 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710717	OPEN	12/17/12 03:00	BATTERY 1	C02	U	Routine	STACK 20%	SIP	29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710714	OPEN	12/17/12 02:00	BATTERY 1	B28	U	Routine	STACK 20%	SIP	21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

FROM: 3/27/2012 TO: 12/31/2012

[illegible]

Reference Number	Event		Inspect		Facility	Qvan	Inspection		Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
	Status		Date				Any	Reason						
710453	OPEN		12/15/12 11:00	BATTERY 3	B07	U	Routine	STACK 20%	SIP			80 Rdg => 20%		HEATING: XStack_Operational_Operational_Extende
710454	OPEN		12/15/12 11:00	BATTERY 3	B07	U	Routine	STACK 60%	SIP			12 Rdg => 60%		HEATING: XStack_Operational_Operational_Extende
710239	OPEN		12/14/12 18:00	BATTERY 3	A03	U	Routine	STACK 20%	SIP			20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710285	OPEN		12/14/12 14:00	BATTERY 1	B16	U	Routine	STACK 20%	SIP			35 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710232	OPEN		12/14/12 04:00	BATTERY 2	A21	U	Routine	STACK 20%	SIP			20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710231	OPEN		12/14/12 04:00	BATTERY 1	B17 B19	U	Routine	STACK 20%	SIP			73 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710224	OPEN		12/14/12 02:00	BATTERY 1	A30 B01	U	Routine	STACK 20%	SIP			36 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710164	OPEN		12/13/12 21:00	BATTERY 1	B29	U	Routine	STACK 20%	SIP			36 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710153	OPEN		12/13/12 18:00	BATTERY 2	A30	U	Routine	STACK 20%	SIP			22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
710088	OPEN		12/12/12 21:00	BATTERY 1	B12	U	Routine	STACK 20%	SIP			35 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709979	OPEN		12/12/12 17:00	BATTERY 1	B31	U	Routine	STACK 20%	SIP			36 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709958	OPEN		12/12/12 15:00	BATTERY 2	A26	U	Routine	STACK 20%	SIP			58 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

FROM: 3/27/2012 TO: 12/31/2012

[illegible]

Reference Number	Event Status	Inspect Date	Facility	Qvan	Agy	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
709365	OPEN	12/12/12 14:00	BATTERY 3	B02	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709363	OPEN	12/12/12 13:00	BATTERY 3	B02	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709811	RDY1	12/16/12 11:00	BATTERY 3	B23	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709590	OPEN	12/10/12 18:00	BATTERY 1		U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709489	OPEN	12/10/12 02:00	BATTERY 3	B23	U	Routine	STACK 20%	SIP		34 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709385	OPEN	12/09/12 18:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709328	OPEN	12/09/12 12:00	BATTERY 3	A20	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709310	OPEN	12/09/12 10:00	BATTERY 2	B11 B13	U	Routine	STACK 20%	SIP		29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709311	OPEN	12/09/12 10:00	BATTERY 3	A11	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709259	OPEN	12/09/12 03:00	BATTERY 3	B23	U	Routine	STACK 20%	SIP		32 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709155	OPEN	12/08/12 20:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		38 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709136	OPEN	12/08/12 17:00	BATTERY 1	B01	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
709012	OPEN	12/08/12 02:00	BATTERY 3	B09	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

FROM: 3/27/2012 TO: 12/31/2012

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FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Event Descrpt	Break Down	Root Cause Response
708013	OPEN	12/08/12 02:00	BATTERY 3	B03	U	Routine	STACK 60%	SIP	3 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708876	OPEN	12/07/12 19:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP	43 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708852	OPEN	12/07/12 16:00	BATTERY 3	B20 B22	U	Routine	STACK 20%	SIP	29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708637	OPEN	12/06/12 23:00	BATTERY 3		U	Routine	STACK 20%	SIP	19 Rdg => 20%		
708519	OPEN	12/06/12 20:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP	31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708598	OPEN	12/06/12 17:00	BATTERY 3	B22	U	Routine	STACK 60%	SIP	7 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708597	OPEN	12/06/12 17:00	BATTERY 3	B22	U	Routine	STACK 20%	SIP	44 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708577	OPEN	12/06/12 11:00	BATTERY 2	B03	U	Routine	STACK 60%	SIP	3 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708555	OPEN	12/06/12 02:00	BATTERY 3	B03	U	Routine	STACK 20%	SIP	54 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708556	OPEN	12/06/12 02:00	BATTERY 3	B03	U	Routine	STACK 60%	SIP	14 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708553	OPEN	12/06/12 01:00	BATTERY 3	A28	U	Routine	STACK 20%	SIP	39 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708451	OPEN	12/05/12 22:00	BATTERY 3	A04 A06	U	Routine	STACK 20%	SIP	44 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708450	OPEN	12/05/12 21:00	BATTERY 2	A13	U	Routine	STACK 20%	SIP	20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

FROM: 3/27/2012 TO: 12/31/2012

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Reference Number	Event Status	Inspect Date	Facility	Oven	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
708451	OPEN	12/05/12 21:00	BATTERY 2	A13	U	Routine	STACK 60%	SIP		2 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708435	OPEN	12/05/12 20:00	BATTERY 1	B17	U	Routine	STACK 60%	SIP		2 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708434	OPEN	12/05/12 20:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708418	OPEN	12/05/12 19:00	BATTERY 1	A30	U	Routine	STACK 20%	SIP		29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708417	OPEN	12/05/12 18:00	BATTERY 3	B24	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708403	OPEN	12/05/12 16:00	BATTERY 3	B04 B06	U	Routine	STACK 20%	SIP		47 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708399	OPEN	12/05/12 14:00	BATTERY 3	A29	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708396	OPEN	12/05/12 12:00	BATTERY 3	A11	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708239	OPEN	12/04/12 22:00	BATTERY 2	A21	U	Routine	STACK 20%	SIP		28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708233	OPEN	12/04/12 19:00	BATTERY 3	B24	U	Routine	STACK 20%	SIP		46 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708231	OPEN	12/04/12 17:00	BATTERY 3	B08	U	Routine	STACK 20%	SIP		34 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
708123	OPEN	12/04/12 12:00	BATTERY 2	B03	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

INGLOG - CA RESPONSES

TO: 12/31/2012

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Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
707959	OPEN	12/03/12 20:00	BATTERY 3	B28	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
707934	OPEN	12/03/12 11:00	BATTERY 1	B18 B20	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
707808	OPEN	12/03/12 03:00	BATTERY 2	B04	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
707824	OPEN	12/03/12 22:00	BATTERY 1	B29	U	Routine	STACK 20%	SIP		48 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
707825	OPEN	12/02/12 22:00	BATTERY 2	A03	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
707819	OPEN	12/02/12 21:00	BATTERY 3	B24	U	Routine	STACK 80%	SIP		4 Rdg => 60%		HEATING: XStack_Operational_Operational_Extende
707818	OPEN	12/02/12 21:00	BATTERY 3	B24	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_Operational_Operational_Extende
707816	OPEN	12/02/12 18:00	BATTERY 1	A31	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
707814	OPEN	12/02/12 17:00	BATTERY 3	A29	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
707803	OPEN	12/01/12 22:00	BATTERY 1	B01	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
707510	OPEN	12/01/12 14:00	BATTERY 2	B09	U	Routine	STACK 60%	SIP		2 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
707535	OPEN	12/01/12 11:00	BATTERY 2		U	Routine	STACK 20%	SIP		19 Rdg => 20%		
707539	OPEN	12/01/12 08:00	BATTERY 1	A05	U	Routine	STACK 60%	SIP		7 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_

EXCEEDANCE IF 'NG LOG - CA RESPONSES

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Reference Number	Event Status	Inspect Date	Facility	Open	Any	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
707538	OPEN	12/01/12 06:00	BATTERY 1	A05	U	Routine	STACK 20%	SIP		98 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
707524	OPEN	12/01/12 04:00	BATTERY 2	B16	U	Routine	STACK 60%	SIP		7 Rdg => 60%		HEATING: XStack_Operational_Extends
707523	OPEN	12/01/12 04:00	BATTERY 2	B22	U	Routine	STACK 20%	SIP		33 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
707519	OPEN	12/01/12 03:00	BATTERY 2	B06	U	Routine	STACK 20%	SIP		34 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
707504	OPEN	12/01/12 01:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		82 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
707312	OPEN	11/30/12 04:00	BATTERY 1	A05 A07	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
707198	OPEN	11/29/12 20:00	BATTERY 1	A30	U	Routine	STACK 30%	SIP		22 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
707049	OPEN	11/29/12 02:00	BATTERY 2	B16 B22	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
706951	OPEN	11/29/12 14:05	BATTERY 2	B11 B13	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
706887	OPEN	11/28/12 11:00	BATTERY 2	A18 A20	U	Routine	STACK 20%	SIP		41 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
706859	OPEN	11/28/12 06:00	BATTERY 3	B09	U	Routine	STACK 60%	SIP		4 Rdg => 60%		HEATING: XStack_OverInteriorLeakage_Refractory_
706854	OPEN	11/28/12 05:00	BATTERY 3	B07	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_

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FROM: 3/27/2012 TO: 12/31/2012

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EXCEEDANCE T ING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Oven	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descr	Break Down	Root Cause Response
706817	OPEN	11/28/12 03:00	BATTERY 3	A24	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706809	OPEN	11/28/12 02:00	BATTERY 2	B09 B12	U	Routine	STACK 20%	SIP		35 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706801	OPEN	11/27/12 23:00	BATTERY 2	A23	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706768	OPEN	11/27/12 21:00	BATTERY 1	A30 B01	U	Routine	STACK 20%	SIP		32 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706578	OPEN	11/27/12 09:00	BATTERY 3	B23	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706636	OPEN	11/27/12 02:00	BATTERY 3	A06	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706629	OPEN	11/27/12 00:00	BATTERY 2	A21 A23	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706496	OPEN	11/26/12 10:00	BATTERY 3	B23	U	Routine	STACK 60%	SIP		2 Rdg => 60%	12-0348s	HEATING: XStack_OvenInteriorLeakage_Refractory_
706492	OPEN	11/26/12 05:00	BATTERY 3	B23	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706453	OPEN	11/26/12 03:00	BATTERY 2	B14	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706294	OPEN	11/25/12 05:00	BATTERY 2	B22	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
706285	OPEN	11/25/12 05:00	BATTERY 3	A24	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

FROM: 3/27/2012 TO: 12/31/2012

Corr Action	Response
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EXCEEDANCE T KING LOG - CA RESPONSES
FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
705230	OPEN	11/24/12 22:00	BATTERY 2	A24	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705210	OPEN	11/24/12 19:00	BATTERY 3	B26	U	Routine	STACK 20%	SIP		27 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705012	OPEN	11/23/12 07:30	BATTERY 3	B23	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705933	OPEN	11/23/12 23:00	BATTERY 2	B04	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705934	OPEN	11/22/12 23:00	BATTERY 3	A06	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705930	OPEN	11/22/12 22:00	BATTERY 2	A21	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705927	OPEN	11/22/12 21:00	BATTERY 2	A15	U	Routine	STACK 20%	SIP		33 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705920	OPEN	11/22/12 20:00	BATTERY 1	A30	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705877	OPEN	11/22/12 14:00	BATTERY 1	B31	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705876	OPEN	11/22/12 14:00	BATTERY 1	B31	U	Routine	STACK 20%	SIP		27 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705825	OPEN	11/22/12 05:00	BATTERY 3	B23	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
705809	OPEN	11/22/12 03:00	BATTERY 3	B03	U	Routine	STACK 20%	SIP		29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1

FROM: 3/27/2012 TO: 12/31/2012

Research
Core Action

Reference Number	Event Status	Inspect Date	Facility	Open	Agcy	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
705772	OPEN	11/22/12 01:00	BATTERY 1	B28	U	Routine	STACK 60%	SIP		10 Rdg => 60%	12-0347s	HEATING: XStack_OvenInteriorLeakage_Refractory_
705771	OPEN	11/22/12 01:00	BATTERY 1	B28	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705785	OPEN	11/21/12 22:00	BATTERY 2	B04	U	Routine	STACK 20%	SIP		61 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705536	OPEN	11/21/12 11:00	BATTERY 2	A24	U	Routine	STACK 60%	SIP		10 Rdg => 60%	12-0345s	HEATING: XStack_Operational_Operational_Extende
705635	OPEN	11/21/12 11:00	BATTERY 2	A24	U	Routine	STACK 20%	SIP		33 Rdg => 20%		HEATING: XStack_Operational_Operational_Extende
705594	RDY1	11/21/12 07:00	BATTERY 3	A08	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705453	OPEN	11/20/12 14:00	BATTERY 3	B23	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705424	OPEN	11/20/12 12:00	BATTERY 3	A03	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_Operational_Operational_Extende
705339	OPEN	11/20/12 01:00	BATTERY 3	A08	U	Routine	STACK 20%	SIP		49 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705334	OPEN	11/19/12 22:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705146	OPEN	11/18/12 13:00	BATTERY 2	B07	U	Routine	STACK 20%	SIP		28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705143	OPEN	11/18/12 05:00	BATTERY 1	A03	U	Routine	STACK 20%	SIP		49 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_ Walls

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EXCEEDANCE 7 KING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

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Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
705135	OPEN	11/18/12 03:00	BATTERY 2	D115	U	Routine	STACK 20%	SIP		34 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
705134	OPEN	11/18/12 01:00	BATTERY 3	A08	U	Routine	STACK 20%	SIP		53 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
705133	OPEN	11/17/12 22:00	BATTERY 1	B13	U	Routine	STACK 20%	SIP		38 Rdn => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
705130	OPEN	11/17/12 15:00	BATTERY 1	A02	U	Routine	STACK 20%	SIP		28 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
705129	OPEN	11/17/12 13:00	BATTERY 3	A11	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OverInteriorLeakage_Refractory_
705125	OPEN	11/17/12 11:00	BATTERY 2	A24	U	Routine	STACK 20%	SIP		29 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
705124	OPEN	11/17/12 11:00	BATTERY 1	B16	U	Routine	STACK 20%	SIP		56 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
705123	OPEN	11/17/12 07:00	BATTERY 1	B27	U	Routine	STACK 20%	SIP		66 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
705122	OPEN	11/17/12 04:00	BATTERY 1	A03	U	Routine	STACK 20%	SIP		39 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
705120	OPEN	11/17/12 02:00	BATTERY 1	C01	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
705121	OPEN	11/17/12 02:00	BATTERY 1	C01	U	Routine	STACK 60%	SIP		4 Rdg => 60%		HEATING: XStack_OverInteriorLeakage_Refractory_
705118	OPEN	11/17/12 01:00	BATTERY 2	B16	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_

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Reference Number	Event Status	Inspect Date	Facility	Qcon	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
705119	OPEN	11/17/12 01:00	BATTERY 3	A08	U	Routine	STACK 20%	SIP		82 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705117	OPEN	11/17/12 00:00	BATTERY 3	A04	U	Routine	STACK 20%	SIP		29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705115	OPEN	11/16/12 23:00	BATTERY 1	B25	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705113	OPEN	11/16/12 22:00	BATTERY 1	B17	U	Routine	STACK 60%	SIP		11 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705114	OPEN	11/16/12 22:00	BATTERY 2	A15	U	Routine	STACK 20%	SIP		37 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705112	OPEN	11/16/12 22:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		108 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705110	OPEN	11/16/12 21:00	BATTERY 1	B05	U	Routine	STACK 20%	SIP		82 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705111	OPEN	11/16/12 21:00	BATTERY 1	B05	U	Routine	STACK 60%	SIP		5 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705109	OPEN	11/16/12 20:00	BATTERY 1	A30	U	Routine	STACK 20%	SIP		57 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705109	OPEN	11/16/12 20:00	BATTERY 1	A30	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705107	OPEN	11/16/12 19:00	BATTERY 1	A23	U	Routine	STACK 60%	SIP		5 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
705106	OPEN	11/16/12 19:00	BATTERY 1	A23	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

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Clairton Work:
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EXCEEDANCE T

ING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
705105	OPEN	11/16/12 14:00	BATTERY 3	A23	U	Routine	STACK 60%	SIP		5 Rdg => 60%		HEATING: XStack_OverInteriorLeakage_Refractory_
705104	OPEN	11/16/12 14:00	BATTERY 3	A23	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
704070	OPEN	11/14/12 21:00	BATTERY 2	A03	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
703945	OPEN	11/13/12 21:00	BATTERY 2	A03 A05	U	Routine	STACK 20%	SIP		36 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
703764	OPEN	11/13/12 13:00	BATTERY 2	B01	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
703742	OPEN	11/13/12 10:00	BATTERY 1	B04	U	Routine	STACK 60%	SIP		3 Rdg => 60%		HEATING: XStack_OverInteriorLeakage_Refractory_
703741	OPEN	11/13/12 10:00	BATTERY 1	B04	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
703243	OPEN	11/11/12 02:00	BATTERY 2	B06	U	Routine	STACK 20%	SIP		61 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
703131	OPEN	11/10/12 13:00	BATTERY 2	A30	U	Routine	STACK 20%	SIP		36 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
703114	OPEN	11/10/12 11:00	BATTERY 1	A31	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OverInteriorLeakage_Refractory_
703061	OPEN	11/10/12 03:00	BATTERY 2	B06	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
702599	OPEN	11/08/12 12:00	BATTERY 1	A24	U	Routine	STACK 20%	SIP		69 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_

ED_002508A_00001217-00103

US Steel Clairton Works Ver0.6.4.4

FROM: 3/27/2012 TO: 12/31/2012

US Steel
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Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Div	Event Descrip	Break Down	Root Cause Response
702464	OPEN	11/08/12 02:00	BATTERY 3	A06	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
702509	OPEN	11/09/12 15:00	BATTERY 3	A13	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
701791	OPEN	11/09/12 12:00	BATTERY 1	C01	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
701311	RDY1	11/03/12 12:00	BATTERY 1	A21	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
701206	OPEN	11/03/12 09:00	BATTERY 1	B01	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
700876	OPEN	11/02/12 01:00	BATTERY 1	B01	U	Routine	STACK 20%	SIP		44 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
709192	RDY1	10/31/12 11:00	BATTERY 1	A21	U	Routine	STACK 20%	SIP		47 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
699596	OPEN	10/31/12 02:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		49 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
699346	OPEN	10/31/12 00:00	BATTERY 1	B01 B28	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
699843	OPEN	10/30/12 21:00	BATTERY 3	308 B10	U	Routine	STACK 20%	SIP		53 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
699651	OPEN	10/30/12 15:00	BATTERY 2	A20	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
699618	OPEN	10/30/12 14:00	BATTERY 3	A05	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
699617	OPEN	10/30/12 14:00	BATTERY 2	B11	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1

Corr Action Response
HEATING: caSlurrySpray
HEATING: caComment

US Steel Clairton Work Veo.6.4.4

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EXCEEDANCE T' KING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
698672	OPEN	10/26/12 12:00	BATTERY 1	B26	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
698624	OPEN	10/26/12 11:00	BATTERY 1	B31	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
698673	OPEN	10/26/12 11:00	BATTERY 1	B30	U	Routine	STACK 20%	SIP		55 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
698681	OPEN	10/26/12 10:00	BATTERY 1	B26	U	Routine	STACK 60%	SIP		2 Rdg => 60%		HEATING: XStack_Operational_Operational_Extende
698680	OPEN	10/26/12 10:00	BATTERY 1	B24	U	Routine	STACK 20%	SIP		72 Rdg => 20%		HEATING: XStack_Operational_Operational_DecarbT
698610	OPEN	10/26/12 08:00	BATTERY 1	A21	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
698694	OPEN	10/26/12 23:00	BATTERY 2	B02	U	Routine	STACK 20%	SIP		38 Rdg => 20%		HEATING: XStack_Operational_Operational_DecarbT
698797	OPEN	10/26/12 17:00	BATTERY 3	B12	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
698717	OPEN	10/26/12 12:00	BATTERY 3	A11 A05	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
698543	RDY1	10/26/12 08:00	BATTERY 3	A04	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
698176	OPEN	10/26/12 23:00	BATTERY 2	A21	U	Routine	STACK 20%	SIP		36 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
698177	OPEN	10/26/12 23:00	BATTERY 2	A21	U	Routine	STACK 60%	SIP		4 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
698078	OPEN	10/26/12 17:00	BATTERY 3	B12	U	Routine	STACK 20%	SIP		32 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

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EXCEEDANCE T

TING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Corr Action	Response
HEATING: noCeramicWeld	

EXCEEDANCE T' 'ING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Oven	Adj	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrpt	Break Down	Root Cause Response
697841	OPEN	10/26/12 00:00	BATTERY 2	B06	U	Routine	STACK 20%	SIP		27 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697843	RDY1	10/26/12 00:00	BATTERY 3	A04	U	Routine	STACK 60%	SIP		3 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697842	RDY1	10/26/12 00:00	BATTERY 3	A02 A04	U	Routine	STACK 20%	SIP		48 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697793	OPEN	10/25/12 21:00	BATTERY 2	A11	U	Routine	STACK 60%	SIP		3 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697766	OPEN	10/25/12 19:00	BATTERY 3	B28	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697741	OPEN	10/25/12 18:00	BATTERY 1	B34	U	Routine	STACK 60%	SIP		8 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697740	OPEN	10/25/12 18:00	BATTERY 1	B28 B24	U	Routine	STACK 20%	SIP		100 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697486	OPEN	10/24/12 23:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697479	OPEN	10/24/12 22:00	BATTERY 1	C01	U	Routine	STACK 20%	SIP		45 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697480	OPEN	10/24/12 22:00	BATTERY 2	A19	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697471	OPEN	10/24/12 21:00	BATTERY 1	B03	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697418	OPEN	10/24/12 16:00	BATTERY 3	B18	U	Routine	STACK 60%	SIP		7 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697417	OPEN	10/24/12 18:00	BATTERY 3	B16	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

Corr Action	Response
HEATING: caComment	
HEATING: caComment	

US Steel Clairton Works

FROM: 3/27/2012 TO: 12/31/2012

US Steel Clairton Works
Veol 6.4.4

Reference Number	Event Status	Inspect Date	Facility	Oven	Agy	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
697329	OPEN	10/24/12 13:00	BATTERY 3	A13	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697328	OPEN	10/24/12 13:00	BATTERY 2	B13	U	Routine	STACK 60%	SIP		6 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697330	OPEN	10/24/12 13:00	BATTERY 3	A11	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697327	OPEN	10/24/12 13:00	BATTERY 2	B11	U	Routine	STACK 20%	SIP		36 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697318	OPEN	10/24/12 12:00	BATTERY 3	A11	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697332	OPEN	10/24/12 02:00	BATTERY 3	A12 A14	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697177	OPEN	10/23/12 23:00	BATTERY 1	B23 B27	U	Routine	STACK 20%	SIP		48 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697178	OPEN	10/23/12 23:00	BATTERY 2	A27	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697186	OPEN	10/23/12 22:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		42 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697184	OPEN	10/23/12 21:00	BATTERY 2	A15	U	Routine	STACK 60%	SIP		5 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697183	OPEN	10/23/12 21:00	BATTERY 2	A15	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
697149	OPEN	10/23/12 20:00	BATTERY 1	A28	U	Routine	STACK 20%	SIP		67 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

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Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
697159	OPEN	10/23/12 20:00	BATTERY 1	A30	U	Routine	STACK 60%	SIP		9 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
697161	OPEN	10/23/12 20:00	BATTERY 2	A03	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
697159	OPEN	10/23/12 19:00	BATTERY 1	A22 A28	U	Routine	STACK 20%	SIP		32 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
697126	OPEN	10/23/12 18:00	BATTERY 1	A20	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
696866	OPEN	10/22/12 22:00	BATTERY 1	B13 B15 B17	U	Routine	STACK 20%	SIP		28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
696846	OPEN	10/22/12 19:00	BATTERY 1	A20	U	Routine	STACK 20%	SIP		28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
696840	OPEN	10/22/12 16:00	BATTERY 3	A11	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
696831	OPEN	10/22/12 17:00	BATTERY 3	A11	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
696726	OPEN	10/22/12 07:00	BATTERY 1	A25	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
696507	OPEN	10/21/12 22:00	BATTERY 1	B30 A30	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
696588	OPEN	10/21/12 22:00	BATTERY 1	B30 A30	U	Routine	STACK 60%	SIP		2 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
696580	OPEN	10/21/12 21:00	BATTERY 1	B26	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1

Corr Action	Response

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
694579	OPEN	10/21/12 21:00	BATTERY 1	B28 A30	U	Routine	STACK 20%	SIP		33 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694581	OPEN	10/21/12 21:00	BATTERY 2	A11	U	Routine	STACK 20%	SIP		48 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694580	OPEN	10/21/12 19:00	BATTERY 1	A30	U	Routine	STACK 20%	SIP		50 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694586	OPEN	10/20/12 17:00	BATTERY 3	B10	U	Routine	STACK 20%	SIP		46 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694543	OPEN	10/20/12 09:00	BATTERY 3	B26	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694544	OPEN	10/20/12 01:00	BATTERY 2	B02	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694580	OPEN	10/19/12 02:00	BATTERY 2	B22	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
6945032	OPEN	10/18/12 21:00	BATTERY 1	B01	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
6944907	OPEN	10/18/12 17:00	BATTERY 3	A11	U	Routine	STACK 20%	SIP		33 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694508	OPEN	10/18/12 17:00	BATTERY 3	A11	U	Routine	STACK 60%	SIP		18 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694568	OPEN	10/18/12 02:00	BATTERY 1	B26	U	Routine	STACK 20%	SIP		43 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694506	OPEN	10/18/12 00:00	BATTERY 2	B06	U	Routine	STACK 20%	SIP		36 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

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EXCEEDANCE

ING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Oven	Qty	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descr	Break Down	Root Cause Response
694507	OPEN	10/18/12 09:00	BATTERY 2	B06	U	Routine	STACK 60%	SIP		8 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694449	OPEN	10/17/12 20:00	BATTERY 1	A30 B01	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694229	OPEN	10/17/12 05:00	BATTERY 3	A06 A12	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694034	OPEN	10/16/12 20:00	BATTERY 1	C01	U	Routine	STACK 60%	SIP		5 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694033	OPEN	10/16/12 20:00	BATTERY 1	C01	U	Routine	STACK 20%	SIP		27 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
694023	OPEN	10/16/12 19:00	BATTERY 1	B28	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693990	RDY1	10/16/12 17:00	BATTERY 3	A03 A05	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Carbon_Roc
693989	RDY1	10/16/12 17:00	BATTERY 3	A03 A05	U	Routine	STACK 20%	SIP		44 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Carbon_Roc
693957	OPEN	10/16/12 10:00	BATTERY 1	A31	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693662	OPEN	10/15/12 19:00	BATTERY 3	B14 B16	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693651	OPEN	10/15/12 17:00	BATTERY 3	A05	U	Routine	STACK 20%	SIP		35 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693611	OPEN	10/15/12 12:00	BATTERY 1	B20 B30	U	Routine	STACK 20%	SIP		35 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693546	OPEN	10/15/12 06:00	BATTERY 3	B15	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

Corr Action	Response
HEATING: caComment	
HEATING: caComment	

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EXCEEDANCE

KLING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
693544	OPEN	10/15/12 05:00	BATTERY 1	B24	U	Routine	STACK 60%	SIP		2 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693545	OPEN	10/15/12 05:00	BATTERY 1	B24	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693546	OPEN	10/15/12 03:00	BATTERY 1	B27	U	Routine	STACK 20%	SIP		32 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693492	RDY1	10/15/12 01:59	BATTERY 1	B27	U	Routine	STACK 20%	SIP		51 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693442	OPEN	10/14/12 21:00	BATTERY 3	B24	U	Routine	STACK 60%	SIP		5 Rdg => 60%		HEATING: XStack_Operational_Operational_Decarb1
693441	OPEN	10/14/12 21:00	BATTERY 3	B24	U	Routine	STACK 20%	SIP		55 Rdg => 20%		HEATING: XStack_Operational_Operational_Decarb1
693396	OPEN	10/14/12 18:00	BATTERY 3	A11	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693286	OPEN	10/14/12 12:00	BATTERY 2	A16	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693259	OPEN	10/14/12 10:00	BATTERY 2	A23	U	Routine	STACK 20%	SIP		43 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693249	OPEN	10/14/12 10:00	BATTERY 1	A29 A31	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
693117	RDY1	10/14/12 05:00	BATTERY 1	A03	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692963	OPEN	10/14/12 02:00	BATTERY 3	A18	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692959	OPEN	10/14/12 02:00	BATTERY 2	B04 B12 A03	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

US Steel
Clairton Work
Ver. 6.4.4

EXCEEDANCE

AGING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Corr Action Response
HEATING: caSlurrySpray
HEATING: caSlurrySpray

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
692026	OPEN	10/13/12 23:00	BATTERY 2	A11 A15	U	Routine	STACK 60%	SIP		3 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692027	OPEN	10/13/12 23:00	BATTERY 2	A11 A15	U	Routine	STACK 20%	SIP		27 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692053	OPEN	10/13/12 06:00	BATTERY 2	A23	U	Routine	STACK 20%	SIP		45 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692168	OPEN	10/13/12 04:00	BATTERY 3	A06	U	Routine	STACK 80%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692167	OPEN	10/13/12 04:00	BATTERY 3	A06	U	Routine	STACK 20%	SIP		67 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692128	OPEN	10/13/12 03:00	BATTERY 3	B06	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692127	OPEN	10/13/12 03:00	BATTERY 2	B26	U	Routine	STACK 60%	SIP		3 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692126	OPEN	10/13/12 03:00	BATTERY 2	B26	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
692086	OPEN	10/13/12 02:00	BATTERY 2	B06	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691940	OPEN	10/12/12 21:00	BATTERY 3	B16	U	Routine	STACK 60%	SIP		6 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691939	OPEN	10/12/12 21:00	BATTERY 3	B16	U	Routine	STACK 20%	SIP		34 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691904	ROY1	10/12/12 18:00	BATTERY 3	A03	U	Routine	STACK 20%	SIP		38 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

SING LOG - CA RESPONSES

Responsible
Core Action

HEATING: caComment

Reference Number	Event Status	Inspect Date	Facility	Over	Agg	Inspection Reason	Inspect Type	Affect Standard	Event Descrip	Break Down	Root Cause Response
691807	RDY1	10/12/12 17:00	BATTERY 3	A03	U	Routine	STACK 20%	SIP	21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691827	OPEN	10/12/12 11:00	BATTERY 1	B12	U	Routine	STACK 20%	SIP	26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691808	OPEN	10/12/12 10:00	BATTERY 1	A31	U	Routine	STACK 20%	SIP	35 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691774	OPEN	10/12/12 09:00	BATTERY 3	B19	U	Routine	STACK 20%	SIP	24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691757	OPEN	10/12/12 08:00	BATTERY 1	B31	U	Routine	STACK 20%	SIP	28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691650	OPEN	10/12/12 00:00	BATTERY 2	A23 A25	U	Routine	STACK 60%	SIP	2 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691649	OPEN	10/12/12 00:00	BATTERY 2	A23 A25	U	Routine	STACK 20%	SIP	48 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691478	OPEN	10/11/12 13:00	BATTERY 3	A29 B02	U	Routine	STACK 20%	SIP	28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691432	OPEN	10/11/12 10:00	BATTERY 1	B12 B14	U	Routine	STACK 20%	SIP	26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691408	OPEN	10/11/12 09:00	BATTERY 3	B29 B31	U	Routine	STACK 20%	SIP	19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691407	OPEN	10/11/12 09:00	BATTERY 1	A29 B02	U	Routine	STACK 20%	SIP	32 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
691159	RDY1	10/10/12 12:00	BATTERY 3	A23	U	Routine	STACK 20%	SIP	19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

Corr Action Response
HEATING: caComment
HEATING: caComment

US Steel

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EXCEEDANCE T

TING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descr	Break Down	Root Cause Response
691063	RDY1	10/10/12 06:00	BATTERY 1	A21	U	Routine	STACK 20%	SIP		33 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
690966	OPEN	10/09/12 22:00	BATTERY 1	B05	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
690440	RDY1	10/08/12 03:00	BATTERY 3	A04	U	Routine	STACK 20%	SIP		73 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
690324	OPEN	10/07/12 22:00	BATTERY 2	A21 A23	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
690112	RDY1	10/07/12 04:00	BATTERY 3	A04	U	Routine	STACK 20%	SIP		79 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
690035	OPEN	10/06/12 23:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		51 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
690001	OPEN	10/06/12 22:00	BATTERY 1	B01	U	Routine	STACK 20%	SIP		38 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
689967	OPEN	10/06/12 21:00	BATTERY 1	C01 B28 B30	U	Routine	STACK 20%	SIP		45 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
689937	OPEN	10/06/12 19:00	BATTERY 3	A11	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
689844	OPEN	10/06/12 14:00	BATTERY 2	B01	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
689822	OPEN	10/06/12 13:00	BATTERY 1	B20	U	Routine	STACK 20%	SIP		46 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
689807	OPEN	10/06/12 12:00	BATTERY 3	C01	U	Routine	STACK 20%	SIP		41 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Carbon_Pur

Corr Action Response
HEATING: caComment
HEATING: caSlurrySpray
HEATING: caComment

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Qcn	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
689574	OPEN	10/05/12 23:00	BATTERY 1	B28	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
689437	RDY1	10/05/12 15:00	BATTERY 3	A03	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
688225	RDY1	10/04/12 04:00	BATTERY 3	A04	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
687313	RDY1	10/02/12 17:00	BATTERY 3	A05	U	Routine	STACK 20%	SIP		27 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
686127	RDY1	09/30/12 17:00	BATTERY 3	A05	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
686028	RDY1	09/30/12 14:00	BATTERY 3	B10 B12	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
685349	OPEN	09/29/12 19:00	BATTERY 1	A30	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
684591	RDY1	09/28/12 01:00	BATTERY 3	B03	U	Routine	STACK 20%	SIP		29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
683623	RDY1	09/28/12 03:00	BATTERY 1	A01	U	Routine	STACK 20%	SIP		35 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
683112	RDY1	09/27/12 16:00	BATTERY 3	B10 B12	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
682930	RDY1	09/27/12 12:00	BATTERY 2	B11	U	Routine	STACK 20%	SIP		33 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
681970	RDY1	09/26/12 17:00	BATTERY 3	A05	U	Routine	STACK 20%	SIP		44 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

EXCEEDANCE 7 TING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Corr Action Response
HEATING: caSlurrySpray
HEATING: caComment
HEATING: caCeramicWeld
HEATING: caCeramicWeld
HEATING: caDryGun
HEATING: caCeramicWeld
HEATING: caSlurrySpray
HEATING: caDryGun
HEATING: caComment
HEATING: caComment

US Steel EXCEEDANCE T ING LOG - CA RESPONSES

Clairton Works
Ver. 6.4.4

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Q-on	Agy	Inspection Reason	Inspect Type	Affect Standard	Div	Event Descrip	Break Down	Root Cause Response
601971	RDY1	09/26/12 17:00	BATTERY 3	A05	U	Routine	STACK 60%	SIP		15 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
606033	OPEN	09/26/12 22:00	BATTERY 2	A13	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
679001	RDY1	09/24/12 22:00	BATTERY 2	A27	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
676020	OPEN	09/24/12 21:00	BATTERY 2	A15	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
670726	OPEN	09/24/12 17:00	BATTERY 3	A11	U	Routine	STACK 20%	SIP		48 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
676721	RDY1	09/24/12 17:00	BATTERY 3	A05	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
677349	OPEN	09/23/12 21:00	BATTERY 2	A13	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
676027	OPEN	09/23/12 12:00	BATTERY 1	B24	U	Routine	STACK 20%	SIP		86 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
676550	OPEN	09/23/12 08:00	BATTERY 1	A31	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
676146	OPEN	09/23/12 01:00	BATTERY 2	B14	U	Routine	STACK 20%	SIP		27 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
675185	OPEN	09/22/12 11:00	BATTERY 2	A14	U	Routine	STACK 20%	SIP		72 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
674547	RDY1	09/22/12 04:00	BATTERY 3	A04	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

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EXCEEDANCE -

CLING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Corr Action Response
HEATING: caComment
HEATING: caSlurrySpray
HEATING: caComment
HEATING: caComment

US Steel
Clairton Work.
Veo 6.4.4

EXCEEDANCE T

ING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Oven	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
674963	OPEN	09/21/12 23:00	BATTERY 1	B11	U	Routine	STACK 20%	SIP		60 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
673961	OPEN	09/21/12 22:00	BATTERY 1	B09 B11 B13	U	Routine	STACK 20%	SIP		137 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
673654	OPEN	09/20/12 18:00	BATTERY 1	A07	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
672929	RDY1	09/21/12 10:00	BATTERY 2	A04	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
671012	RDY1	09/20/12 16:00	BATTERY 3	A01	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
671011	RDY1	09/20/12 16:00	BATTERY 3	A05	U	Routine	STACK 20%	SIP		61 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
669334	RDY1	09/19/12 11:00	BATTERY 2	A12	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Carbon_Wall
667868	OPEN	09/18/12 17:00	BATTERY 2	B25	U	Routine	STACK 20%	SIP		35 Rdg => 20%		HEATING: XStack_Operational_Operational_Extends
667667	OPEN	09/18/12 17:00	BATTERY 1	A30	U	Routine	STACK 20%	SIP		42 Rdg => 20%		HEATING: XStack_Operational_Operational_FirstCha
667767	RDY1	09/18/12 16:00	BATTERY 2	A26	U	Routine	STACK 20%	SIP		42 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
667694	OPEN	09/18/12 14:00	BATTERY 2	B01 B03	U	Routine	STACK 20%	SIP		65 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
667639	OPEN	09/18/12 12:00	BATTERY 2	A20	U	Routine	STACK 60%	SIP		21 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_

EXCEEDANCE T ING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Corr Action Response	
HEATING: caSlurrySpray	
HEATING: caSlurrySpray	
HEATING: caComment	
HEATING: caComment	
HEATING: caDryGun	

US Steel EXCEEDANCE " KING LOG - CA RESPONSES

Clairton Worl
Ver0.6.4.4

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrpt	Break Down	Root Cause Response
667538	OPEN	09/18/12 12:00	BATTERY 2	A20	U	Routine	STACK 20%	SIP		107 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
667635	OPEN	09/18/12 12:00	BATTERY 1	B22	U	Routine	STACK 60%	SIP		15 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
667634	OPEN	09/18/12 12:00	BATTERY 1	B22	U	Routine	STACK 20%	SIP		84 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
667297	OPEN	09/18/12 06:00	BATTERY 1	A19	U	Routine	STACK 20%	SIP		48 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
667201	OPEN	09/18/12 05:00	BATTERY 1	B27	U	Routine	STACK 20%	SIP		112 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
667209	OPEN	09/18/12 05:00	BATTERY 3	B09	U	Routine	STACK 60%	SIP		5 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
667207	OPEN	09/18/12 05:00	BATTERY 3	B09	U	Routine	STACK 20%	SIP		48 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
667030	OPEN	09/18/12 03:00	BATTERY 3	B09	U	Routine	STACK 60%	SIP		0 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
667029	OPEN	09/18/12 03:00	BATTERY 3	B09	U	Routine	STACK 20%	SIP		58 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
667028	OPEN	09/18/12 03:00	BATTERY 2	B36	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
666930	OPEN	09/18/12 02:00	BATTERY 3	B03	U	Routine	STACK 60%	SIP		6 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
666928	OPEN	09/18/12 02:00	BATTERY 2	B20	U	Routine	STACK 20%	SIP		36 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1

EXCEEDANCE TING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Corr Action	Response

US Steel

Clairton Work.
Ver 6.4.4

EXCEEDANCE T

ING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
666929	OPEN	09/10/12 02:00	BATTERY 3	B03	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
666502	OPEN	09/17/12 22:00	BATTERY 2	A08	U	Routine	STACK 20%	SIP		39 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
666501	OPEN	09/17/12 22:00	BATTERY 1	B01	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
666669	OPEN	09/17/12 15:00	BATTERY 3	A29	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
665427	OPEN	09/17/12 13:00	BATTERY 1	B22	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
665366	OPEN	09/17/12 12:00	BATTERY 1	B20	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
665101	OPEN	09/17/12 10:00	BATTERY 2	A10 B25	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
665013	OPEN	09/17/12 09:00	BATTERY 1	B02	U	Routine	STACK 20%	SIP		28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
664888	OPEN	09/17/12 06:00	BATTERY 1	A19 A23	U	Routine	STACK 20%	SIP		33 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
664816	OPEN	09/17/12 06:00	BATTERY 1	B27 B29	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
664617	OPEN	09/17/12 05:00	BATTERY 1	B27 B29	U	Routine	STACK 60%	SIP		3 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
664615	OPEN	09/17/12 03:00	BATTERY 2	B28	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1

ED_002508A_00001217-00135

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
664509	OPEN	09/17/12 02:00	BATTERY 2	B16	U	Routine	STACK 20%	SIP		29 Rdg => 30%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664509	OPEN	09/17/12 01:00	BATTERY 3	A28	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664503	OPEN	09/17/12 01:00	BATTERY 2	B03 B04	U	Routine	STACK 20%	SIP		56 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664534	OPEN	09/17/12 01:00	BATTERY 2	B04 B02	U	Routine	STACK 60%	SIP		13 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664548	OPEN	09/16/12 22:00	BATTERY 1	B17	U	Routine	STACK 60%	SIP		7 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664550	OPEN	09/16/12 22:00	BATTERY 2	A13	U	Routine	STACK 60%	SIP		6 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664547	OPEN	09/16/12 22:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		46 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664549	OPEN	09/16/12 22:00	BATTERY 2	A13	U	Routine	STACK 20%	SIP		45 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664544	OPEN	09/16/12 21:00	BATTERY 2	A11	U	Routine	STACK 60%	SIP		11 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664542	OPEN	09/16/12 21:00	BATTERY 1	B03	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664543	OPEN	09/16/12 21:00	BATTERY 2	A11	U	Routine	STACK 20%	SIP		64 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664435	OPEN	09/16/12 17:00	BATTERY 3	A11	U	Routine	STACK 20%	SIP		56 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

ED_002508A_00001217-00137

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
664436	OPEN	09/16/12 17:00	BATTERY 3	A11	U	Routine	STACK 60%	SIP		6 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664269	OPEN	09/16/12 14:00	BATTERY 3	B08	U	Routine	STACK 20%	SIP		51 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
664062	OPEN	09/16/12 11:00	BATTERY 1	B16 B18 B20	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_Operational_Operational_DecarbT
664052	OPEN	09/16/12 10:00	BATTERY 2	A15	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
663637	OPEN	09/15/12 21:00	BATTERY 1	B03	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
663583	OPEN	09/16/12 15:00	BATTERY 2	B01	U	Routine	STACK 60%	SIP		3 Rdg => 60%		HEATING: XStack_CombustionSystem_Gas_HighWo
663584	OPEN	09/15/12 15:00	BATTERY 2	B01	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo
663555	OPEN	09/15/12 12:00	BATTERY 1	B24	U	Routine	STACK 20%	SIP		33 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo
662916	OPEN	09/15/12 04:00	BATTERY 2	C01	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo
662797	OPEN	09/16/12 00:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		99 Rdg => 20%		HEATING: XStack_Operational_Operational_Vialingf
662693	OPEN	09/14/12 21:00	BATTERY 3	B26	U	Routine	STACK 60%	SIP		2 Rdg => 60%		HEATING: XStack_CombustionSystem_Gas_HighWo
662691	OPEN	09/14/12 21:00	BATTERY 2	A03	U	Routine	STACK 20%	SIP		26 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo
662692	OPEN	09/14/12 21:00	BATTERY 3	B26	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo
662632	OPEN	09/14/12 20:00	BATTERY 3	A22	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo
662630	OPEN	09/14/12 20:00	BATTERY 1	A20	U	Routine	STACK 20%	SIP		49 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo
662555	OPEN	09/14/12 18:00	BATTERY 1	A10	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo

FROM: 3/27/2012 TO: 12/31/2012

ED_002508A_00001217-00139

US Steel EXCEEDANCE * 3ING LOG - CA RESPONSES

Clairton Work
Ver 6.4.4

FROM: 3/27/2012 TO: 12/31/2012

Reference	Event	Inspect	Facility	Open	Agg	Inspection	Inspect	Affect	Event	Break	Root Cause
Number	Status	Date				Reason	Type	Standard	Descrip	Down	Response
662556	OPEN	09/14/12 19:00	BATTERY 3	B16	U	Routine	STACK 20%	SIP	21 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo
662491	RDY1	09/14/12 18:00	BATTERY 3	A05	U	Routine	STACK 20%	SIP	22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
662498	OPEN	09/14/12 18:00	BATTERY 1	A08	U	Routine	STACK 20%	SIP	37 Rdg => 20%		HEATING: XStack_CombustionSystem_Gas_HighWo
662423	RDY1	09/14/12 17:00	BATTERY 3	A05	U	Routine	STACK 20%	SIP	99 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
662424	RDY1	09/14/12 17:00	BATTERY 3	A05	U	Routine	STACK 60%	SIP	32 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
661961	OPEN	09/14/12 11:00	BATTERY 1	B10 B12	U	Routine	STACK 20%	SIP	41 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
661737	OPEN	09/14/12 10:00	BATTERY 2	A02	U	Routine	STACK 60%	SIP	3 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
660784	OPEN	09/14/12 00:00	BATTERY 1	B09	U	Routine	STACK 60%	SIP	6 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
660783	OPEN	09/14/12 00:00	BATTERY 1	B09	U	Routine	STACK 20%	SIP	67 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
660689	OPEN	09/13/12 22:00	BATTERY 1	A10	U	Routine	STACK 20%	SIP	20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
659460	OPEN	09/13/12 13:00	BATTERY 1	B24	U	Routine	STACK 20%	SIP	25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
659062	OPEN	09/13/12 10:00	BATTERY 1	A29	U	Routine	STACK 60%	SIP	2 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
659061	OPEN	09/13/12 10:00	BATTERY 1	A29	U	Routine	STACK 20%	SIP	184 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

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US Steel
Clairton Work
Ver 6.4.4

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KLING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Qven	Agy	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
658572	OPEN	09/13/12 06:00	BATTERY 1	B17	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_...
658174	OPEN	09/12/12 21:00	BATTERY 3	B22	U	Routine	STACK 20%	SIP		43 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_...
658140	OPEN	09/12/12 19:00	BATTERY 1	A10	U	Routine	STACK 20%	SIP		29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_...
658065	RDY1	09/12/12 18:00	BATTERY 3	A05	U	Routine	STACK 20%	SIP		71 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_...
658086	RDY1	09/12/12 18:00	BATTERY 3	A05	U	Routine	STACK 60%	SIP		4 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_...
657869	OPEN	09/12/12 15:00	BATTERY 2	B03	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_Operational_Operational_DecarbT
657605	OPEN	09/12/12 12:00	BATTERY 1	B10	U	Routine	STACK 20%	SIP		28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_...
657517	OPEN	09/12/12 11:00	BATTERY 2	A10	U	Routine	STACK 60%	SIP		2 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_...
657207	OPEN	09/12/12 07:00	BATTERY 3	B13	U	Routine	STACK 20%	SIP		25 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_...
656980	OPEN	09/12/12 01:00	BATTERY 1	B09	U	Routine	STACK 20%	SIP		38 Rdg => 20%		HEATING: XStack_Operational_Operational_Extende
656924	OPEN	09/11/12 21:00	BATTERY 1	C01	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_Operational_Operational_Opacityl
656610	OPEN	09/11/12 12:00	BATTERY 1	B12	U	Routine	STACK 60%	SIP		1 Rdg => 60%		HEATING: XStack_Operational_Operational_Opacityl
656704	OPEN	09/10/12 13:00	BATTERY 2	A12	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_Operational_Operational_Opacityl

ING LOG - CA RESPONSES

TO: 12/31/2012

ED_002508A_00001217-00143

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agy	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
655703	OPEN	09/10/12 13:00	BATTERY 1	B12	U	Routine	STACK 20%	SIP		23 Rdg >= 20%		HEATING: XStack_Operational_Operational_Opacity1
655619	OPEN	09/10/12 11:00	BATTERY 3	B29	U	Routine	STACK 20%	SIP		46 Rdg >= 20%		HEATING: XStack_Operational_Operational_DcarbT
655620	OPEN	09/10/12 11:00	BATTERY 3	B29	U	Routine	STACK 60%	SIP		6 Rdg >= 60%		HEATING: XStack_Operational_Operational_DcarbT
655402	OPEN	09/10/12 06:00	BATTERY 3	B29	U	Routine	STACK 20%	SIP		25 Rdg >= 20%		HEATING: XStack_Operational_Operational_DcarbT
654961	RDY1	09/09/12 18:00	BATTERY 3	B10 B12	U	Routine	STACK 20%	SIP		25 Rdg >= 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
654820	OPEN	09/09/12 13:00	BATTERY 3	A21	U	Routine	STACK 80%	SIP		1 Rdg >= 60%		HEATING: XStack_Operational_Operational_FirstCha
654819	OPEN	09/09/12 13:00	BATTERY 3	A21	U	Routine	STACK 20%	SIP		21 Rdg >= 20%		HEATING: XStack_Operational_Operational_FirstCha
654612	OPEN	09/09/12 09:00	BATTERY 3	B13	U	Routine	STACK 20%	SIP		26 Rdg >= 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
653954	OPEN	09/09/12 01:00	BATTERY 2	A27	U	Routine	STACK 60%	SIP		1 Rdg >= 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653943	OPEN	09/08/12 23:00	BATTERY 1	B11	U	Routine	STACK 60%	SIP		2 Rdg >= 60%		HEATING: XStack_Operational_Operational_Opacity1
653941	OPEN	09/08/12 22:00	BATTERY 1	A30	U	Routine	STACK 20%	SIP		39 Rdg >= 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653927	OPEN	09/08/12 20:00	BATTERY 1	B28	U	Routine	STACK 20%	SIP		50 Rdg >= 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653665	OPEN	09/08/12 12:00	BATTERY 2	A12	U	Routine	STACK 20%	SIP		19 Rdg >= 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

(ING LOG - CA RESPONSES

FROM: 3/27/2012 TO: 12/31/2012

ED_002508A_00001217-00145

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Adj	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
65389	OPEN	09/06/12 11:00	BATTERY 2	B01	U	Routine	STACK 80%	SIP		1 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653831	ROV1	09/08/12 10:00	BATTERY 1	A29	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653086	OPEN	09/08/12 02:00	BATTERY 2	B14	U	Routine	STACK 20%	SIP		24 Rdg => 20%		HEATING: XStack_Operational_Opacityf
653095	OPEN	08/08/12 02:00	BATTERY 1	B23	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653095	OPEN	09/08/12 01:00	BATTERY 1	B23 B25	U	Routine	STACK 20%	SIP		31 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653081	OPEN	09/08/12 00:00	BATTERY 1	B21	U	Routine	STACK 20%	SIP		76 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653852	OPEN	09/07/12 23:00	BATTERY 1	B13 B15	U	Routine	STACK 20%	SIP		80 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653050	OPEN	09/07/12 22:00	BATTERY 1	B03 B05 B09	U	Routine	STACK 20%	SIP		188 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653043	OPEN	09/07/12 21:00	BATTERY 1	A30	U	Routine	STACK 20%	SIP		113 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
653028	OPEN	09/07/12 20:00	BATTERY 1	A22 B28	U	Routine	STACK 20%	SIP		29 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
652091	OPEN	09/07/12 19:00	BATTERY 3	A03 B20	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_
652930	OPEN	09/07/12 18:00	BATTERY 1	A04 A06 A08 A10	U	Routine	STACK 20%	SIP		158 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_

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US Steel
Clairton Work
Ver.6.4.4

FROM: 3/27/2012 TO: 12/31/2012

Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Attest Standard	Dev	Event Descrip	Break Down	Root Cause Response
652686	OPEN	09/07/12 17:00	BATTERY 3	B08 B10 B12	U	Routine	STACK 20%	SIP		59 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
652685	OPEN	09/07/12 17:00	BATTERY 1	B16 B18	U	Routine	STACK 20%	SIP		57 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
652769	OPEN	09/07/12 15:00	BATTERY 3	A29	U	Routine	STACK 20%	SIP		74 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
652780	OPEN	09/07/12 15:00	BATTERY 2	B13	U	Routine	STACK 20%	SIP		58 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
652424	OPEN	09/07/12 11:00	BATTERY 1	A29	U	Routine	STACK 20%	SIP		27 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
651802	OPEN	09/07/12 08:00	BATTERY 3	A12	U	Routine	STACK 20%	SIP		100 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
651727	OPEN	09/07/12 08:00	BATTERY 3	B11	U	Routine	STACK 20%	SIP		151 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
651687	OPEN	09/07/12 04:00	BATTERY 3	B07	U	Routine	STACK 20%	SIP		181 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_ Walls
651642	OPEN	09/07/12 03:00	BATTERY 3	B01	U	Routine	STACK 20%	SIP		151 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_ Walls
651611	OPEN	09/07/12 02:00	BATTERY 3	A26	U	Routine	STACK 20%	SIP		44 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
651244	OPEN	09/06/12 18:00	BATTERY 2	A28	U	Routine	STACK 40%	SIP		1 Rdg => 50%		HEATING: XStack_OverInteriorLeakage_Refractory_ Walls
651243	OPEN	09/06/12 18:00	BATTERY 2	A28	U	Routine	STACK 20%	SIP		30 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_ Walls

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FROM: 3/27/2012 TO: 12/31/2012

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Reference Number	Event Status	Inspect Date	Facility	Owner	Agcy	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrpt	Brsk Down	Root Cause Response
650183	OPEN	09/06/12 07:00	BATTERY 1	B31	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
650846	OPEN	09/06/12 06:00	BATTERY 1	B29	U	Routine	STACK 20%	SIP		38 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
649608	OPEN	09/06/12 03:00	BATTERY 1	A08	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
649534	OPEN	09/06/12 21:00	BATTERY 1	B30	U	Routine	STACK 20%	SIP		21 Rdg => 20%		HEATING: XStack_Operational_Opacity
649463	OPEN	09/05/12 20:00	BATTERY 2	A12	U	Routine	STACK 20%	SIP		40 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
648463	OPEN	09/05/12 09:00	BATTERY 1	B09	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
647938	OPEN	09/05/12 01:00	BATTERY 2	B17	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
647714	OPEN	09/04/12 21:00	BATTERY 1	B26 B28	U	Routine	STACK 20%	SIP		36 Rdg => 20%		HEATING: XStack_Operational_Opacity
647598	OPEN	09/04/12 19:00	BATTERY 1	B16	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_Operational_Opacity
647537	OPEN	09/04/12 18:00	BATTERY 3	A11	U	Routine	STACK 20%	SIP		58 Rdg => 20%		HEATING: XStack_Operational_Extende
647462	OPEN	09/04/12 17:00	BATTERY 3	B19 B21 A05	U	Routine	STACK 20%	SIP		81 Rdg => 20%		HEATING: XStack_OverInteriorLeakage_Refractory_
647463	OPEN	09/04/12 17:00	BATTERY 3	B19 B21 A05	U	Routine	STACK 60%	SIP		14 Rdg => 50%		HEATING: XStack_OverInteriorLeakage_Refractory_

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Reference Number	Event Status	Inspect Date	Facility	Open	Agg	Inspection Reason	Inspect Type	Affect Standard	Dev	Event Descrip	Break Down	Root Cause Response
646974	OPEN	09/04/12 11:00	BATTERY 2	A09	U	Routine	STACK 60%	SIP		12 Rdg => 60%		HEATING: XStack_Operational_Opacity1
646973	OPEN	09/04/12 11:00	BATTERY 2	A09	U	Routine	STACK 20%	SIP		45 Rdg => 20%		HEATING: XStack_Operational_Opacity1
644427	OPEN	09/03/12 02:00	BATTERY 3	B09	U	Routine	STACK 20%	SIP		45 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
643668	ADY1	09/02/12 17:00	BATTERY 1	A21	U	Routine	STACK 20%	SIP		41 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
643313	OPEN	09/02/12 14:00	BATTERY 3	B07	U	Routine	STACK 20%	SIP		28 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
643198	OPEN	09/02/12 13:00	BATTERY 2	B20	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
643091	OPEN	09/02/12 12:00	BATTERY 2	B06	U	Routine	STACK 20%	SIP		23 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
642984	OPEN	09/02/12 11:00	BATTERY 3	A35	U	Routine	STACK 20%	SIP		19 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
642928	OPEN	09/02/12 10:00	BATTERY 1	B15	U	Routine	STACK 20%	SIP		20 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
642566	OPEN	09/02/12 09:00	BATTERY 3	B30	U	Routine	STACK 20%	SIP		46 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
642567	OPEN	09/02/12 09:00	BATTERY 3	B30	U	Routine	STACK 60%	SIP		4 Rdg => 60%		HEATING: XStack_OvenInteriorLeakage_Refractory_1
641308	OPEN	09/01/12 17:00	BATTERY 1	A23	U	Routine	STACK 20%	SIP		22 Rdg => 20%		HEATING: XStack_OvenInteriorLeakage_Refractory_1